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Twenty-first Annual Report
of the
University of Illinois
Health Service

1936-37

THE SURVEY OF
DEC. 3 - 1937
UNIVERSITY OF ILLINOIS





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TWENTY-FIRST ANNUAL REPORT
OF THE
UNIVERSITY OF ILLINOIS
HEALTH SERVICE

1936-1937

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UNIVERSITY OF ILLINOIS

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November 1, 1937

To the President of the University

Dear Sir:

I have the pleasure to submit herewith the Twenty-First Annual Report of the activities of the Health Service for the academic year, 1936-1937.

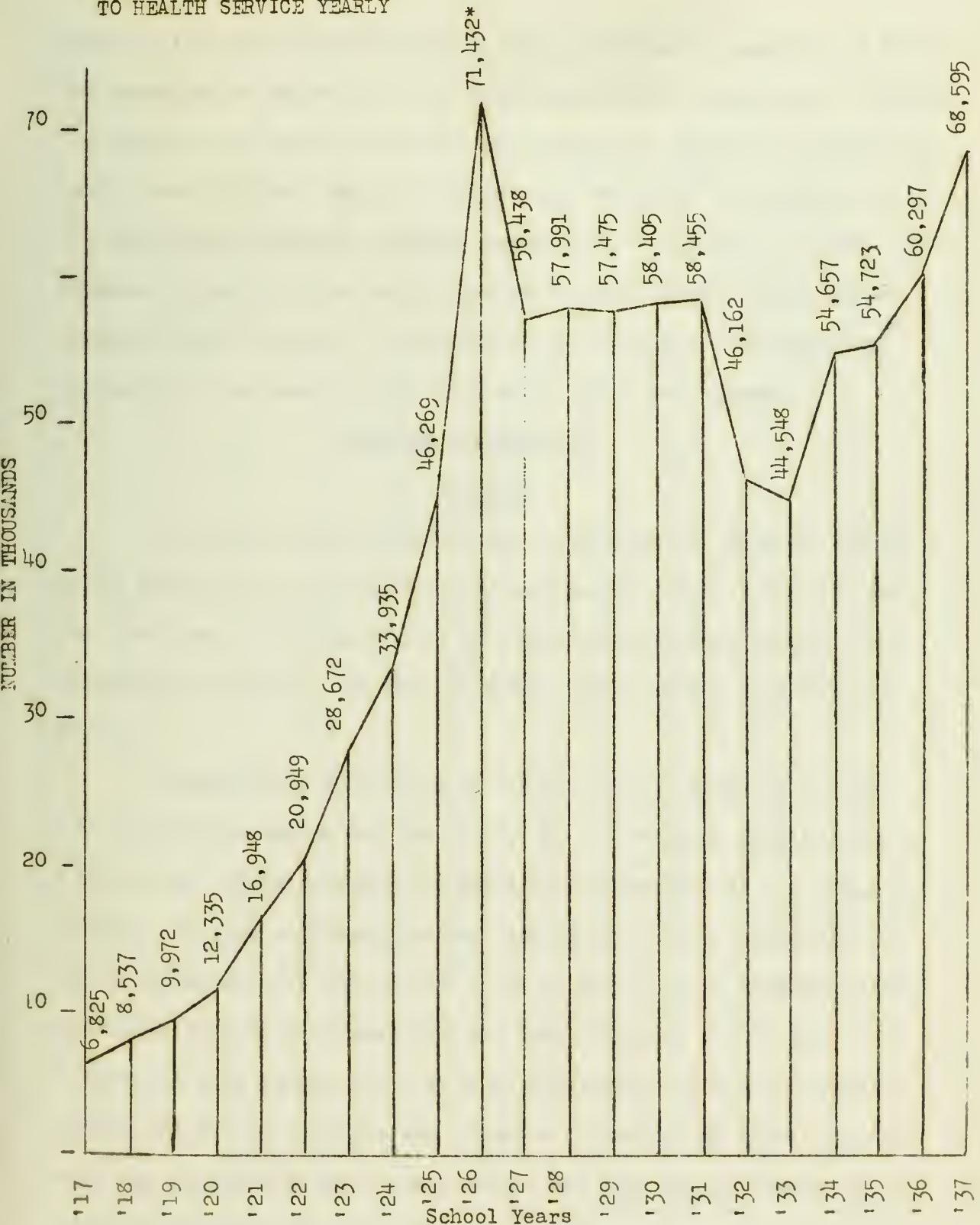
VISITS

During the year the students made 66,933 visits to the Health Service Station and Civil Service employees 1,387. In addition there were 275 miscellaneous calls on University or other business, making a grand total of 68,595, the largest number of visits since the Health Service was established with the exception of the year 1925-1926 when a smallpox epidemic occurred in the University district. This includes 5,346 calls as a result of the required physical examination upon entrance, an increase of 14.6 per cent over the preceding year, and 3,871 for reexamination.

The number of visits per student registered was 5.3. The men of the class of 1940 called 17,796 times, an average of 6.75 times per man; the women, 7,522 or 5.32 visits per woman. In contrast, the upper-classmen called on an average of 4 times for the men and 5.76 times for the women. Freshman visits per capita are always higher than in the other classes because of the required physical examination, reexaminations, conferences in hygiene, and a greater predisposition of the younger group to illness. Freshmen, as a rule, are not as able to care for their health as are sophomores, juniors and seniors who know more about hygiene.

Visits to the Health Service Station increase with each

GRAPH SHOWING TOTAL VISITS
TO HEALTH SERVICE YEARLY



*Increase mainly due to smallpox epidemic.

Chart No. I

additional student registered, with each new employee engaged, and with the extension of University work involving medical supervision. Preventive medicine and health education are inescapable factors in every University activity and largely influence the extent of the success of all its enterprises, whether academic, scientific, economic, or social. Increases in visits to the Health Service Station are inevitable unless morbidity rates decrease, protection to the health of the University population is reduced, or the University ceases development.

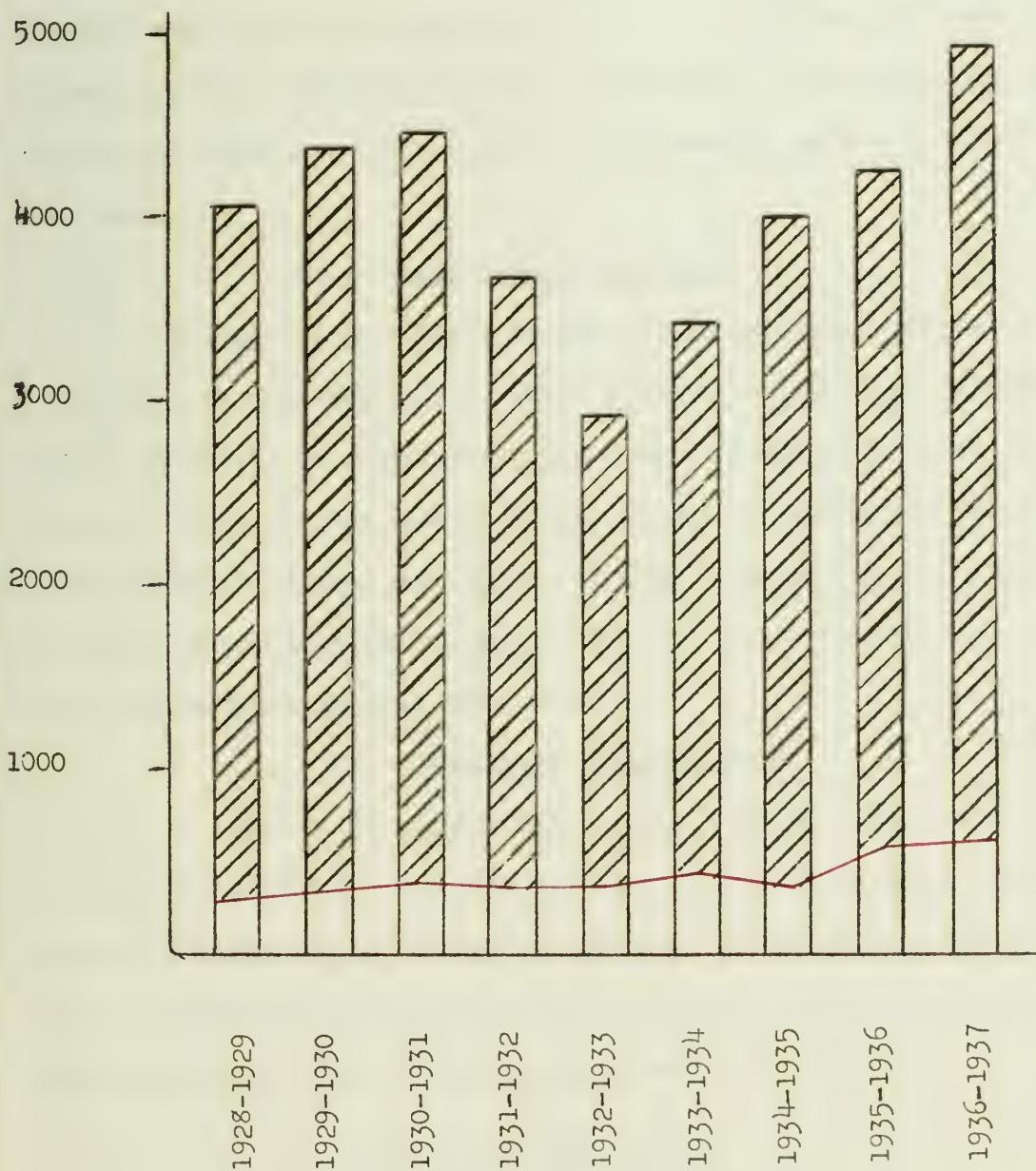
MEDICAL EXAMINATIONS

I. Students

A total of 5,346 students was given complete physical examinations during the year, which was an increase of 684 or 14.67 per cent over last year. Of these, 3,764 were men and 1,582 were women, - an increase of 14.16 per cent for the former and 15.89 per cent for the latter.

Examinations were given to 478 prospective students who did not matriculate. About one out of 11.1 of the students examined did not register and this caused the University an expense of approximately \$120.00. Careful consideration has been given to this expenditure of effort and money, but there seems to be no way to avoid examining those who expect to become freshmen but for some reason do not do so. It is cheaper and more convenient to give an examination to each prospective student who presents himself and requests it during the summer than to defer the examination until registration and then employ outside physicians to take care of the peak load. The present procedure is also less likely to interfere with the machinery of registration.

Total Students Taking Physical Examinations
and Number Who Failed to Matriculate
for 9 year Period



III. High School Pupils

At the beginning of the school year, 97 high school students were examined, an increase of 25.77 per cent. Of these, 58 or 59.79 per cent had had their tonsils removed. Of the total, 22.63 per cent had suffered severe injuries and 39.18 per cent were unvaccinated. The lack of vaccination is a sad commentary on the slowness of people even in a so-called "highly intellectual community" to take advantage of a well established protective measure to prevent disease, disfigurement and death.

III. Civil Service Employees

During the year Civil Service employees made 1,387 calls to the Health Service Station, of which 125 were for physical examinations at the beginning of employment. These were graded as follows: 106 good, 18 fair, and one disqualified. Of the new employees, 117 of whom were men and 8 of whom were women, 17 were permitted to work subject to a waiver of possible claims against the University arising from defects revealed by their medical examinations.

IV. Chauffeurs' Examinations

A total of 97 faculty members and employees who were to drive University automobiles was examined with special reference to their acuity of vision, color-blindness, hearing, reflex action, and their general health. Of these prospective drivers, 74 were normal and recommendations were made concerning the other 23 as follows:

Table I	
Chauffeurs' Examinations	
To use University cars as little as possible	3
To have eyes examined	6
To have eyes re-examined and not to drive without glasses	2
Not to drive without glasses	12

V. Supervision of Foodhandlers

Prospective employees who would handle food products, students employed as foodhandlers by the University, and those enrolled in courses in dairy manufacturing, lunch room management, and meat courses were examined to determine whether or not they had communicable disease or were disease carriers. Foodhandlers who had not been successfully vaccinated against smallpox within the last five years were re-vaccinated.

A careful history as to communicable disease, particularly typhoid fever and dysentery, was obtained in the case of each prospective foodhandler. If the employee or student gave a history of having or of having had a disease which might be transmitted through the handling of food or by eating and drinking utensils, appropriate bacteriological examinations were made. Tests to detect disease carriers were made as a routine, and all foodhandlers were immunized against typhoid fever in accordance with the University regulations.

In cooperation with Director Bracken of the Student Employment Bureau, 211 students were given foodhandler's examinations prior to their being certified to jobs as waiters, cooks, or dishwashers. This procedure strengthens very materially the safeguards against possible disease carriers becoming sources of epidemics.

The following table shows the number and distribution of the foodhandlers examined who were in the employ of and taking courses in the University:

Distribution of Foodhandlers

Agriculture Salesroom	3
Women's Residence Hall	56
Dairy Department	138
Cafeteria, Women's Building	62
Davenport House	10
Total	269

The presidents and commissaries of all organized houses and the proprietors of all boarding clubs, lunch rooms, and refectories catering to student trade have been urged to give their patrons the same scientific protection against disease as that provided by the University for patrons of its food distributing agencies. Many houses and some eating places have responded to this advice and to the extent of their cooperation have increased the protection of the health of the University population and of the citizens of the Twin Cities.

The above cooperation was entirely voluntary and offered a considerable protection because not only were their disease carrier states determined, but the kitchen and dining room help were immunized against both typhoid fever and smallpox. This is an advantage to the student who has to support himself, to the community and to the group which he serves. These tests should be applied to foodhandlers of all lunch rooms catering to student patronage, but unfortunately there are no ordinances enforced in the two towns requiring a health standard for persons handling food.

VI. Educational Internes

At the request of Dean Benner and with the approval of the President the Health Service continued the examination of seniors in the University who were selected for their special promise as prospective teachers to serve as internes in education in some of the larger

high schools of the State. A total of 12 such students was given a complete physical examination and immunized against smallpox and typhoid fever, an increase of 66 2/3 per cent. Each received a certificate of his status of health and of his immunizations.

VII. Athletic Examinations

Prior to participation in athletics a total of 2,353 students was examined, of which 1,575 were men and 778 were women. In 245 instances it was necessary to recheck the physical condition of the students before they were finally certified or rejected for athletics. Of those wishing to participate in varsity sports, a total of 6 men was rejected permanently for the causes listed in the following table:

Table II
Men Rejected for Varsity Athletics

	<u>Possible Nephritis</u>	<u>Injured Knee</u>	<u>Hyper-Tension</u>	<u>Hernia</u>	<u>Total</u>
Baseball	1				1
Gymnastics				1	1
Track				1	1
Wrestling	1	1	1		3
Total	2	1	1	2	6

VIII. Student Car Permits

Upon the authorization of President Willard, the Health Service gave chauffeur examinations to all undergraduate students requesting permission to drive motor vehicles. A total of 756 students was examined with special reference to acuity of vision, color-blindness, hearing, reflex action, and general health. Of these prospective drivers, 701 were normal. The recommendations and observations made concerning the other 55 are as follows:

Chauffeurs' Examinations--Students

To have eyes examined	16
Not to drive without glasses	17
To have eyes reexamined and not to drive without glasses	8
Hazard to self and community	1
Impairment of hearing	4
Color-blind	2
Blind in right eye	1
Injury to eye	1
Functionless right hand	1
Defects of lower extremities (Poor function, ankylosis, injury, amputation, use of braces)	<u>4</u>
Total	55

"FOLLOW-UP"

I. University Students

Of the 5,346 new students examined 2,296 men and 888 women were recalled for conference and advice concerning their conditions. This total includes 1,828 who were reexamined with special reference to their defects. Whenever students were found to have abnormalities, they were advised to consult their family physicians, dentists, or specialists. It is gratifying to note that many students had had their defects of vision and their teeth treated between the time they were examined and their registration.

In addition to the regular physical examination 2,470 men and 893 women filled out personal hygiene questionnaires which were rather complete inventories of their health habits and mental attitudes. A conference was had with each student concerning any deviation from the normal, and his physical condition and mental health were carefully considered and discussed with him on the basis of his questionnaire and medical record.

II. Tuberculosis

Notwithstanding the great progress made in controlling the ravages of tuberculosis during the last three decades, it is still the leading cause of death in adolescent and early adult life. It is a serious menace to health, a destroyer of the socially promising, and a killer of many of the potentially most valuable.

During the year four students were found to have open tuberculosis and the disease in a moderately advanced form, - a stage in which the likelihood of their being ultimately of service to the state is largely doubtful. Ten matriculants had arrested tuberculosis, and six tuberculosis of the bones. Those who were found to have the disease in the active form are undergoing treatment in sanatoria or at their homes under the direction of specialists.

A total of 44 students, 35 men and 9 women, have been under close observation as having possible tuberculosis. Under proper nutrition and a hygienic regime of rest, recreation, and work all of them have gone through the school year without showing signs of a progressing tuberculosis. Fortunately, many of them have gained in weight and vigor and will be removed from the list of "suspects."

At the time of the medical examination on entrance, 347 students gave a history of tuberculosis in their immediate families. Of the men examined, 419 or 11.13 per cent were below the minimum requirements of the War Department for weight and development for their ages. Of the women, 72 or 4.55 per cent were of fair development only. A considerable portion of these "substandards" are the type which usually

show an increased predisposition to tuberculosis. Many of them have been under prolonged observation while on campus.

The threat of tuberculosis at Illinois is intensified by a large number of the students having to work to support themselves. Where individuals work as well as go to college, they often get insufficient sleep and exercise more or less rigid economy in eating. Such practice is a predisposing factor to tuberculosis since it tends to combine fatigue, under-nutrition, and lack of recreation in lowering individual resistance. Happily, most of such students are no worse for their experience, but tuberculosis not infrequently appears in some of them before graduation or waits until shortly after the student has graduated to make him a total loss.

Experience shows that when four students are discovered with a moderately well-developed tuberculosis by physical examination or laboratory tests of the sputum, there are most likely ten times that number present with a very early active form of the disease which is unrecognized. Many such individuals only await an influenza, measles, pneumonia, recurring colds or other lowering of their resistance to be found with clearly developed tuberculosis, most likely sufficiently advanced to warrant the prognosis that 60 to 75 per cent will probably die within the next five years.

It is difficult, therefore, to overestimate the value of the earliest possible diagnosis of tuberculosis both for the sake of its victims and for the good of society. When discovered promptly, the disease is readily amendable to treatment, in most instances without

loss of time from school; but the longer the delay in uncovering it and the easier the diagnosis, the greater are the risks to the patient's associates, the more extensive is the involvement of his lungs, the more prolonged the treatment, the worse the prognosis, the higher the mortality rate, and the larger is the financial loss to the state.

The eradication of tuberculosis in college students not only requires repeated physical examinations and the use of a well-taken medical history but tuberculin testing, X-ray study, and a "follow-up". Without the tuberculin test and the skiagram of the chest many early cases of tuberculosis will be missed until sufficiently advanced to make their cure doubtful, if not hopeless.

III. Heart Disease

During the year 73 students were found to have organic heart disease or marked functional disturbances of the heart. They have been kept under observation, have been repeatedly examined, and a regime has been outlined to protect their hearts from unnecessary strain. Of these, 31 or 42.47 per cent were excused from military and regular physical education and were assigned to adaptive gymnastics to receive suitable exercise. A total of 9 students had suffered so much cardiac damage as to make the requirement of physical education an unwarranted risk. They were permanently excused.

The heart disease found in adolescent and early adult life is largely the sequel of acute rheumatic fever, or streptococcal infection often associated with one of the diseases of childhood.

Students are classified as to the condition of their hearts

on the basis of the usual methods of physical diagnosis and the taking of blood pressure. A number of them should have the benefit of an electrocardiograph. By an electrocardiogram it is possible to make a more nearly accurate differentiation between the cardiac normals and abnormals. By the use of this instrument many students who fear "heart trouble" could be assured with a large degree of confidence that they are free from organic heart disease.

IV. Albuminurias

A total of 263 freshmen was found to have albuminuria on first examination. Their cases were carefully studied and repeated tests made to determine whether or not their conditions were pathological. The albuminuria was persistent in 19 or 7.22 per cent. Members of this group were referred to their family physicians or to urologists for further study and treatment. Those requiring it were excused from military and physical education and assigned to adaptive exercise for their protection.

Four Civil Service employees at the time of their physical examinations were found to have transient albuminuria. Of the 97 University High School students examined, six had the same condition.

V. Glycosurias

Of the 4,662 students given a urinalysis 23 were found to have alimentary glycosuria and five diabetes. One of the University High School students and one Civil Service employee had sugar in the urine due to excessive consumption of sweets.

VI. Maladjustment

A sustained effort has been made during the year to discover students who were maladjusted. Every member of the class of 1940

has had one or more conferences with a member of the Health Service staff. Students subject to "blues" or worry, with a history of a "nervous breakdown," had a tendency to be "shut-in," or were having difficulty in becoming adjusted to college life were repeatedly seen and in cooperation with other University agencies were helped to find themselves.

A total of 3363 personal hygiene questionnaires was studied and a conference was held with each student. This procedure has been helpful in determining the physical and mental health of students, their housing conditions and their adjustment to them.

COMMUNICABLE DISEASE

I. Prevalence

The occurrence of communicable disease during the academic year reflected quantitatively and qualitatively the morbidity rates of the State and country. In Table III are given the communicable disease cases reported in the student body during the year.

Table III
Communicable Disease Cases
in the Student Body

Coryza	1225
Coryza (hospitalized)	324
Scarlet fever	24
Mumps	91
Vincent's Angina	24
Chickenpox	2
Tuberculosis	4
Infantile paralysis	2
Diphtheria	5
Erysipelas	1
Measles	1
Typhoid fever	1
Meningitis	1
Total	2205

Incidence of Mumps in the Student Body
1936-37

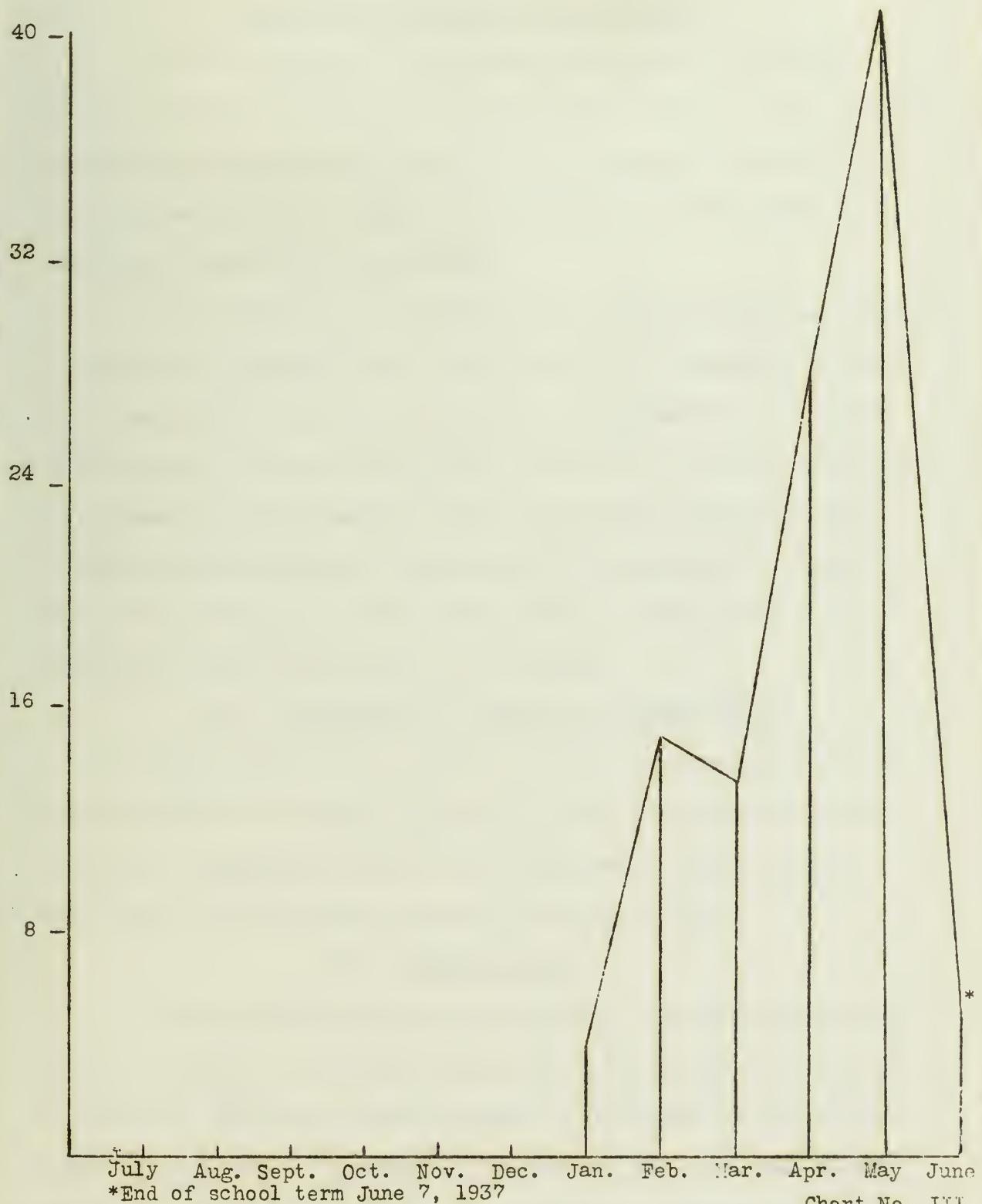


Chart No. III

II. Modified Quarantine for Scarlet Fever

With the approval of the Director of the State Department of Health and with the cooperation of local health officers, the procedure for dealing with students exposed to scarlet fever in the Twin Cities was continued in order to reduce to the minimum compatible with safety the loss of time from the classroom.

Under this plan all exposures were required to present either a certificate of scarlet fever or of a Dick test. Students whose Dick tests were negative were released immediately and permitted to attend classes without further restrictions; those who had positive Dick tests were allowed to go to classes provided they reported each morning at the Health Service Station for observation before doing so. Under it 205 students with positive tests were saved 1230 school days or the equivalent of one school year for six students.

III. Certificates of Immunity to Scarlet Fever

Of the 443 students exposed to scarlet fever during the year 200 had negative tests, 205 positive tests, and 38 scarlet fever certificates. The filing of these certificates saved students 2.696 school days or 3.12 college careers of four years each.

IV. Hospitalization

McKinley Hospital admitted 80 students with quarantinable communicable disease for a total of 1011 days or an average of 12.64 days per patient. While these cases represent a very small portion of the students cared for at the McKinley Hospital the fact that each student had an average stay of 12.64 days indicates the influence of fixed

periods of isolation on hospital days. As will be noted in Table IV, mumps were responsible for 59 or 73.75 per cent of the cases and 572 or 56.57 per cent of the hospital days.

Table IV
Communicable Disease Cases Cared for
at McKinley Hospital

<u>Disease</u>	<u>Cases</u>	<u>Days</u>
Mumps	59	572
Scarlet fever	14	386
Chickenpox	2	20
Measles	3	6
Diphtheria	2	27
Totals	80	1011

V. Contacts

A total of 1,369 students was exposed to communicable disease other than influenza and coryza, an increase of 22.57 per cent over last year. Of these, 127 were held in quarantine as required by law, 297 were permitted to attend classes under daily observation, and 835 had been exposed to diseases requiring no isolation or had certificates of immunization.

VI. Venereal Disease

The incidence of venereal disease in the student body, which has always been low, showed a very marked decrease in those observed, both as a result of voluntarily calling and of a follow-up on the basis of reports. Part of this decrease can be attributed to the activities of public officials, social agencies, and interested citizens in conducting a campaign of education and suppression of prostitution. In all, 19 students were found to have gonorrhea and 3 syphilis. This is a rate of 1.53 per thousand for the former and .24 for the latter. In addition, two

Civil Service employees were found to have syphilis.

VII. Kahn Tests

A total of 139 members from 3 fraternities requested Kahn tests to determine whether or not they had syphilis. The action taken by these organized groups induced other students to ask for and receive the same examination. Of 597 Kahn tests given this year 6 were positive. Such group and individual action is indicative of the growing consciousness towards the prevention and control of venereal disease.

VIII. Faculty and Civil Service Employees

The number of cases of communicable disease in the families of the faculty and Civil Service employees showed a marked increase over last year. A total of 35 cases was reported during the year, of which 5 were chickenpox, 9 scarlet fever, 15 mumps, 1 rubella, 2 Vincent's Angina, 2 typhoid fever and 1 smallpox. The wife of a member of the University staff died of typhoid fever presumably acquired from a carrier through the mediation of improper disposal of excreta and flies.

CO-OPERATION WITH THE DEPARTMENTS OF MILITARY AND PHYSICAL EDUCATION

I. Permanent Classification

It was necessary last year to assign 333 men and 52 women to Individual Gymnastics for special training. Because of marked physical abnormalities or organic diseases 10 students were classified as unable to take either Physical Education or Military. Of these, one had marked organic heart disease, two had arrested tuberculosis, one was badly paralyzed, two had amputated extremities, one diabetes, one osteomyelitis, one obesity due to endocrinial dysfunction and one poliomyelitis.

A total of 99 students was permanently excused from Military

because of their failure to meet the minimum requirements of the Medical Department of the Army. Thirty students who were below the minimum physical requirements for commission but who desired to take Military were assigned to it. Their physical conditions were such that they could undergo training without undue risk.

II. Temporary Excuses

In the course of the year 251 men students were given temporary excuses from Military, Physical Education, or both: 211 from Military and Physical Education, 21 from Military only, and 40 from Physical Education. They had undergone recent operations, were convalescent, or had lost so much time on account of illness that they were unable to complete satisfactorily the work for the semester.

A total of 399 recommendations was issued to students whose physical conditions made it desirable for them to change from one course in Physical Education to another or to modify their required exercise. Students who had sinusitis, infections of the middle ear, or perforation of the ear drum were transferred from swimming to a form of exercise less likely to cause them trouble. By such transfers those with ringworm of the feet or who had undergone operations were able to take exercise with a minimum of risk or injury and with maximum protection to their associates against infection.

III. Advanced Corps Students

At the request of the Military Department, the Health Service administered 333 doses of vaccine to 111 students to immunize them against typhoid fever. Those students who were unvaccinated against

smallpox and those whose scars were more than five years old were re-vaccinated preparatory to going to camps of the Reserve Officers Training Corps. The laboratory of the Health Service made 687 urinalyses upon students who were being given special examinations by members of the Medical Corps of the Army for advanced military work.

HOSPITALIZATION

1. The Student Body

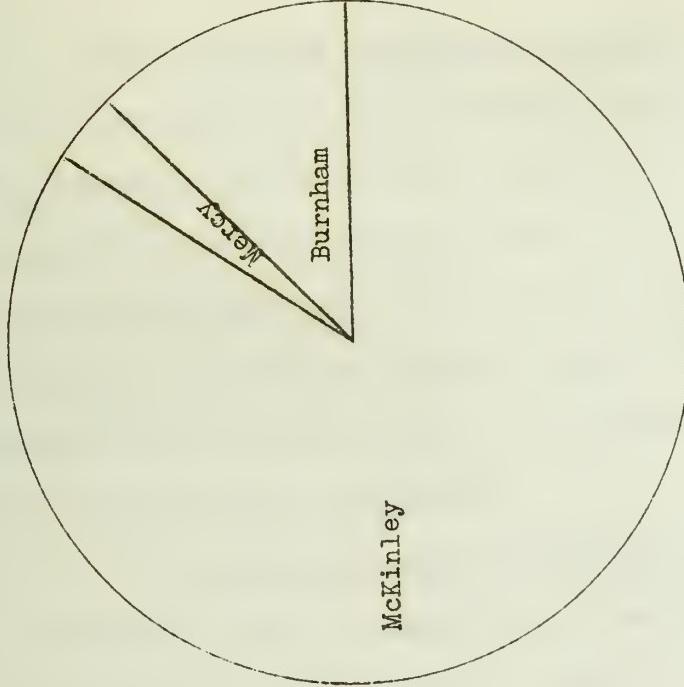
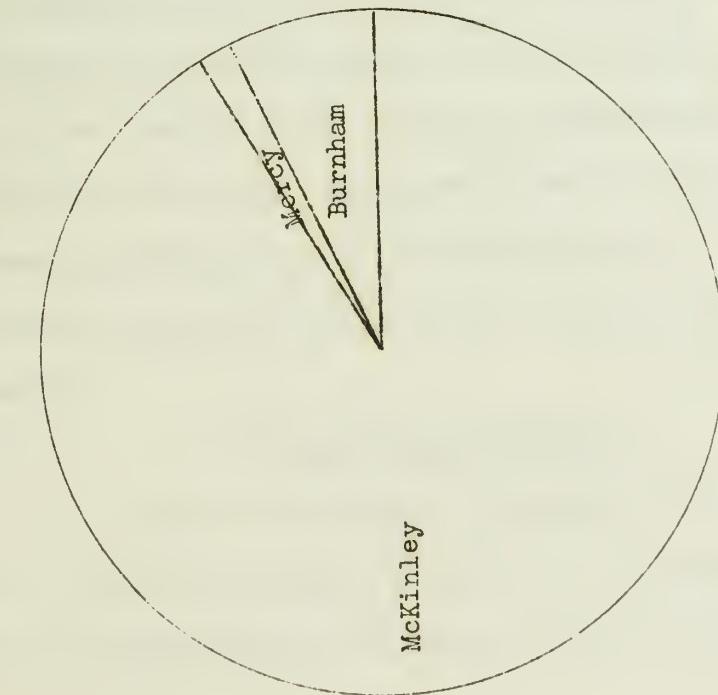
In a body of 12,430 students, hospital facilities are an important problem. A total of 2,794 students was admitted to the McKinley Hospital for 9,848 days which is an average of 3.52 days per patient. This means that 22.49 per cent or one out of every 4.45 students enrolled was hospitalized at the University Hospital, which is quite a contrast with sixteen years ago when only about one student in forty was admitted to the hospital during one academic year and the average stay was 7.45 days instead of 3.52 days as at present. The rising morbidity rate in the country at large is clearly reflected in an increase of 11.92 per cent in patients admitted and 9.72 per cent in hospital days.

II. Local Hospitals

The Burnham and Mercy Hospitals admitted 287 students for a total of 1885 days or an average of 6.57 days per patient. The average length of stay in these local hospitals is considerably longer than that in the student hospital because of the fact that the latter does not admit patients known to require surgery, more particularly major surgery. During the past year students remained on an average of about two and three-quarters days longer in the local than in the University Hospital.

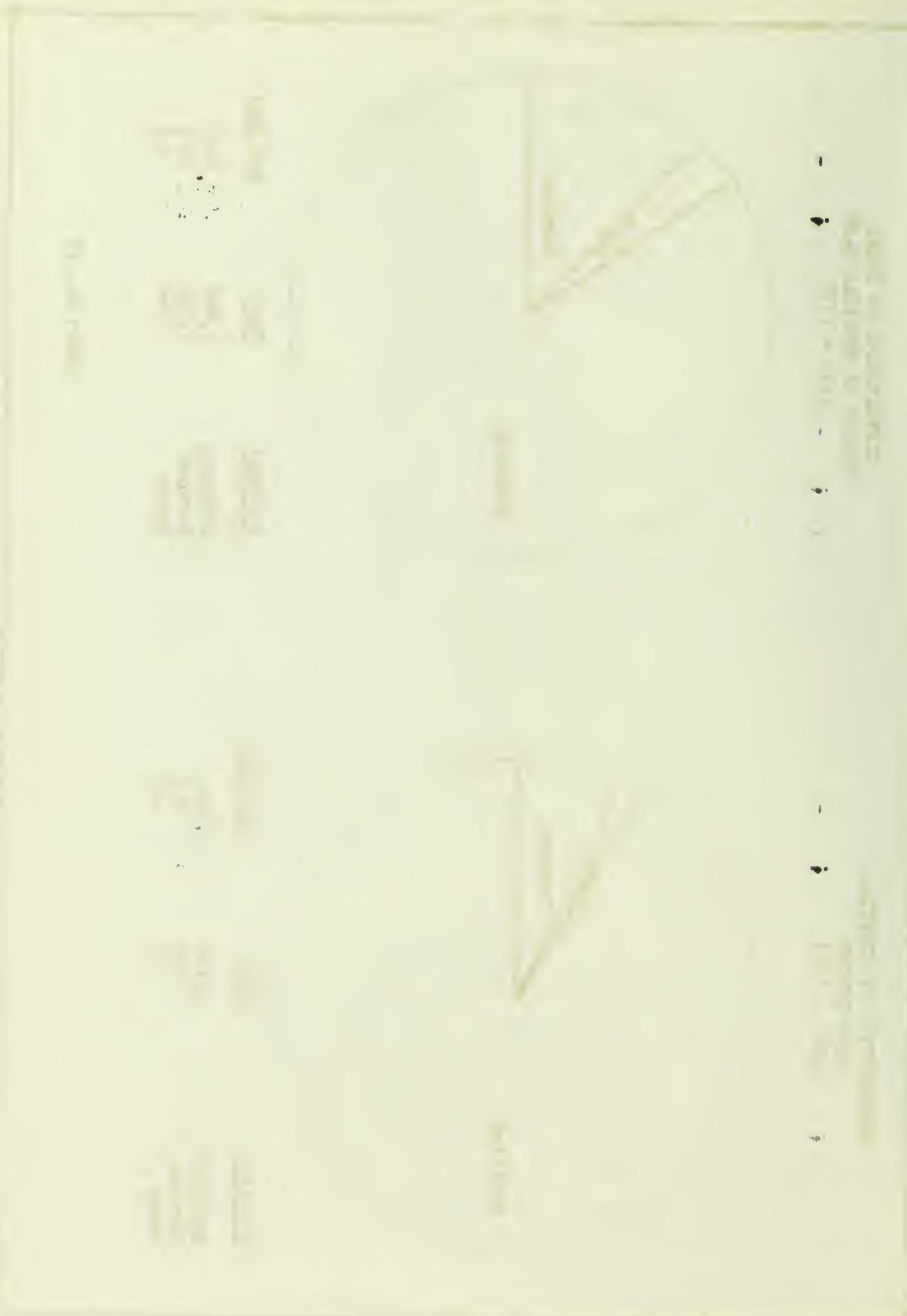
DISTRIBUTION OF HOSPITAL
CASES DURING
1936 - 1937

DISTRIBUTION OF TOTAL
NUMBER OF HOSPITAL DAYS
1936 - 1937



Hospital	Days	Per Cent
McKinley	9,848	84.0
Burnham	1,521	12.9
Mercy	364	3.1

Chart No. IV



III. Needs of the Student Hospital

Of all the students hospitalized 90.69 per cent were admitted to McKinley Hospital and only 9.31 per cent to other hospitals. Although the latter had the benefit of 16.07 per cent of the student patronage in hospital days, the University Hospital still had 83.93 per cent. The burden of caring for the student body falls mainly on the McKinley Hospital, entirely upon it in the presence of an epidemic. For such a situation its bed capacity is inadequate.

IV. Voluntary Hospital Association

The hospitalization of students has been very much improved through the able and energetic campaign to increase membership in the Association. By this increase it has been possible to control communicable disease better, to prevent the occurrence of epidemics by getting students isolated and giving them prompt treatment.

Students, faculty members, and employees joining the voluntary Mutual Hospital Association during the first semester numbered 7500 and the second semester 6,013, which were respectively 63.53 per cent and 54.69 per cent of the student enrollment of each semester, 1936-1937. Less students join the Hospital the second than the first semester. This is regrettable since the morbidity rate is usually higher in winter and early spring.

V. Civil Service Employees

As a result of accidents 9 University employees were hospitalized for a total of 79 days or an average of 8.78 days per patient. Because of 2 serious injuries the average stay is 3 days higher than last year.

THE GENERAL PRACTITIONER AND THE HEALTH SERVICE

The medical staff of the Health Service has had the most helpful cooperation of local and other physicians in caring for students. A total of 487 letters has been received concerning the physical condition of students who are or have been patients of these doctors. Family physicians have certified that 12 students were immune to smallpox as a result of having had the disease, 97 had been successfully vaccinated against smallpox, 13 had had typhoid fever, 78 had been inoculated against typhoid fever, and 3 had been immunized against diphtheria; 4 had been immunized against scarlet fever, 202 had had scarlet fever, and 457 had been given the Dick test.

A total of 3,081 students was admitted to local hospitals during the academic year. Of this number 520 went directly from the Health Service Station and 2,561 were sent to the hospitals by the local doctors themselves. The students who went to the hospitals from the Health Service Station exercised their inalienable right of selecting their own physician by choosing 59 different doctors.

STUDENT DEATHS

I deeply regret to report that five students died during the year. Of these deaths, two were caused by automobile accidents, one by an accidental explosion, and two from streptococcemia.

INSTRUCTION IN HYGIENE

I. Elementary Hygiene

For the first semester elementary hygiene and sanitation was taught to 1,715 students, of which 1,225 were men and 490 were

women. The registration for the second semester was 1,242 men and 403 women, a total of 1,645. The total registration in elementary hygiene was 3,360 or an increase of 10.12 per cent over that of last year. In all there were 23 sections for the men and 8 for the women each semester.

II. Advanced Hygiene

The advanced course in hygiene for coaches, physical education majors and teachers had a total registration for the year of 141 students. During the first semester the enrollment was 30 students, in the second 111.

III. Hygiene X3

In cooperation with the director of University Extension Service a correspondence course in hygiene has been offered which had a registration of 23 students. The quality of the work so far presented by those taking it is most satisfactory.

IV. Proficiency Examinations

A total of 94 students passed the proficiency test in hygiene and received credit in it. The distribution by colleges and geographically of those who passed the proficiency test the past year is given in Tables V. and VI .

Table V
Distribution by Colleges of Those
Passing Proficiency Examinations in Hygiene

<u>College</u>	<u>No.</u>	<u>Passing</u>
Liberal Arts and Sciences		46
Commerce		23
Engineering		15
Agriculture		8
Fine and Applied Arts		2
Total		94

Table VI
Geographical Distribution of Those Passing
Proficiency Examinations in Hygiene

Illinois

<u>County</u>	<u>No.</u>	<u>Passing</u>	<u>County</u>	<u>No.</u>	<u>Passing</u>
Alexander		1	Massac		1
Cass		1	McHenry		1
Champaign		28	Montgomery		1
Clay		1	Moultrie		1
Cook		18	Peoria		2
DeWitt		1	Piatt		1
Douglas		2	Pike		1
DuPage		2	Pope		1
Fayette		1	Putman		1
Iroquois		1	Richland		1
Jefferson		1	Sangamon		2
Kane		2	Stark		1
LaSalle		1	St. Clair		2
Lawrence		1	Vermilion		4
Livingston		1	Wayne		1
Madison		1	Winnebago		2
			Total		86

Out of State

Connecticut		1	Ohio		1
Delaware		1	Pennsylvania		1
Indiana		1	Wisconsin		1
New Jersey		2			8
			Total Passing		94

LABORATORY SERVICE

As a part of the routine work of the Health Service various laboratory services were given the students and Civil Service employees. In many instances these tests were essential either in making effective the regulations of the University concerning foodhandlers or in diagnosing and controlling communicable disease.

Table VII
Laboratory Tests

Urinalyses	9768
Widal tests	1673
Diphtheria cultures	359
Bacteriological examinations of excreta	624
Kahn tests	597
Wasserman tests	124
Sputum examinations	98
Smears from the urethra	65
Basal metabolism tests	43
X-ray examinations	16
Blood examinations (white cells)	65
Eye cultures	10
Agglutination tests for undulant fever	1
Smears for Vincent's Angina	98

Table VIII
Positive Laboratory Tests

Widal tests	105
Smears for Vincent's Angina	44
Smears from urethra for gonorrhea	14
Throat swabs for diphtheria	11
Kahn tests for syphilis	6
Sputum examinations for tuberculosis	3

FIRST AID

A total of 111 first aid cabinets is being maintained in the various buildings on campus. They are much used and are visited weekly or twice weekly, depending upon their location, to replace supplies as needed.

It has been customary for a number of years for members of the Health Service staff upon request to attend certain University functions in order to render first aid necessary. This service was given at the Electrical Engineering Show, the Physical Education Tournaments, and the Commencement Exercises.

In cooperation with other departments the offices of the Health Service were also made available in emergencies to guests of the University. Its facilities were offered to those attending Farm and Home Week, 4-H Club Conventions and short courses given by the University.

SANITATION

The Health Service has endeavored to insure students with as safe and sanitary living conditions as possible. Complaints have been investigated to determine the cleanliness and healthfulness of the environment in which they live. Unsanitary conditions and fire hazards have been reported to the proper local authorities, and lack of tidiness and cleanliness has been called to the attention of landladies and proprietors. Immediate attention has been given to daily reports which were received concerning the conditions of the swimming pools and the water supply. Whether on or off the campus, the Health Service has endeavored to stimulate improvement in the living conditions of the students.

I. Lodging House Inspection

A systematic inspection of fire hazards and sanitary conditions in lodging houses has been made during the year. Suggestions and recommendations were made by the inspectors to the landladies, and notices of fire hazards, insanitation, and nuisances were sent to the proper local

authorities. In the following table are shown the inspections made.

	Lodging Houses Inspected		
	<u>Organized</u>	<u>Unorganized</u>	<u>Total</u>
Total houses	97	437	534
For men	62	359	421
For women	35	78	113
Dormitories	130	167	297
Rooms	1476	2048	3524
Student occupants	3119	3877	6996

As will be noted from the above table, only about one-half of the student population was included in this inspection. This is partially explained by the fact that a number of students live with their parents in neighboring towns and others living in Champaign-Urbana do not reside within the Student district.

In a student population of 12,430 a wide variation in living conditions is not surprising. Table IX shows that the greater part of the students live under favorable conditions and only a very small per cent are in rooms classed by student inspectors as poor.

In 12 per cent of the study rooms and dormitories of the inspected houses there was need for more attention to ventilation. In most instances, lack of care rather than defects in construction was the reason for unsatisfactory conditions. About 20 per cent of the study rooms was classed as untidy, 39 per cent of the basements as fair and 17 per cent as poor. Most of these were well within the range of quick improvement by the efforts of students and the landlady.

Table IX
Sanitary Conditions of Lodging Houses

	Organized Houses				Unorganized Houses			
	Exc.	Good	Fair	Poor	Exc.	Good	Fair	Poor
Study rooms								
Cleanliness and tidiness	53	1104	296	23	352	1487	258	51
Ventilation		1283	193		13	1746	276	14
Bathrooms								
Cleanliness	2	90	5		67	340	27	3
Dormitories								
Cleanliness	15	92	22	1	29	88	45	5
Basements								
Cleanliness and tidiness	4	54	31	8	31	213	128	61
Yards								
Condition	16	77	4		52	327	43	7

In unorganized houses the conditions of the basements and bathroom facilities were not as good as in organized houses. Out of 437 independent houses, 64 had inadequate bathroom equipment; only 18 of the 97 organized houses were defective in this respect. A number of the unorganized houses are old buildings in which the plumbing fixtures have not been altered since their construction.

In making the inspections of lodging houses special attention was given to:

- | | |
|-----------------|------------------|
| 1. Study rooms | 7. Heating |
| 2. Bed clothing | 8. Humidity |
| 3. Furniture | 9. Lighting |
| 4. Bathrooms | 10. Basements |
| 5. Dormitories | 11. Cleanliness |
| 6. Ventilation | 12. Fire hazards |

The most common danger found in student lodging houses is the putting of waste paper and other inflammable materials near furnaces where a single spark could start a fire; the careless disposal of cigarette stumps is a close second. Electric wires are frequently run under rugs

or hung over nails and are potential sources of fires and risks to life. Another unnecessary dangerous practice is the storing of ashes in pasteboard or wooden containers. In Table X are shown the hazards from improper storage of ashes as well as the number of houses lacking the protection afforded by fire extinguishers.

Table X
Fire Hazards

	<u>Organized</u>	<u>Unorganized</u>	<u>Total</u>
Ashes stored in			
Metal containers	65	240	305
Wooden containers	10	132	142
Both	3	22	25
On the floor	8	13	21
No provision necessary	11	22	33
Houses without fire extinguishers		68	68

ORAL EXAMINATIONS AND INTERVIEWS
FOR THE STATE CIVIL SERVICE COMMISSION

Members of the Health Service staff on the request of the State Civil Service Commission have conducted examinations of nurses, supervisors of nurses, assistant superintendent of the McKinley Hospital, and health educational experts. A total of approximately 100 applicants was examined at Chicago and Urbana.

REQUESTS FOR INFORMATION

Forty-one citizens of the State have requested information on various aspects of public health, and approximately 90 bulletins and pamphlets have been sent to them. A dozen or more requests were received for reprints of articles by members of the department and for copies of forms used by the Health Service.

Respectfully submitted,

J. Howard Beard M. D.
J. Howard Beard, M. D.
University Health Officer

TWENTY-FIRST ANNUAL REPORT

APPENDIX A

APPENDIX A

Table I

TYPES OF MEDICAL ATTENTION TO STUDENTS AND EMPLOYEES

	<u>1935-1936</u>	<u>1936-1937</u>
Advice in case of illness	3210	2801
First aid in injury and infection	3489	3468
Sent to hospital	579	573
Referred to specialist	2015	1713
Urinalyses	8841	9768
Complete physical examination of students and employees	4857	5471

Table II

MONTHLY DISTRIBUTION OF VISITS

	<u>Student</u>		<u>Civil Service</u>		<u>Total</u>
	<u>Men</u>	<u>Women</u>	<u>Men</u>	<u>Women</u>	
July	1070	819	138	23	2050
August	1548	573	183	2	2306
September	9641	2077	124	2	11844
October	5346	2397	70	14	7827
November	4586	1726	58	16	6386
December	3946	1925	105	7	5983
January	3501	1640	77	6	5224
February	3802	1670	111	0	5583
March	4068	1887	119	7	6081
April	4604	2018	68	9	6699
May	4393	1643	108	7	6151
June	1191	862	128	5	2186
Totals	47,696	19,237	1,289	98	68,320

Table III

CLASSIFICATION OF INJURIES TO CIVIL SERVICE EMPLOYEES FOR FIVE YEARS

1932-1933 1933-1934 1934-1935 1935-1936 1936-1937

Abrasions		17	13	12
Amputations	1			
Accident, automobile (death)	1			
Avulsion	1			
Bites	2	1		2
Blisters	1			1
Broken bones		3	2	
Bruise	6	1	5	7

Table III (cont'd)

	<u>1932-1933</u>	<u>1933-1934</u>	<u>1934-1935</u>	<u>1935-1936</u>	<u>1936-1937</u>
Burns, acid	1	3	6	8	5
other	2	9	4	3	8
Contusions	23	15	7	39	21
Concussion				1	
Dislocations			25		
Excoriations		2		1	2
Finger nail torn loose	1	1	1		1
Flecked eye	1			1	
Foreign body, eye	11	11	11	10	17
Fractures	6	5	5		7
Gas inhaled	1		1		2
Heat stroke				1	2
Hernia		1	2	6	3
Incisions					
Infections	3	5	2		9
Inflammations		1	3	1	2
Injuries	7		8	4	
Lacerations			33	27	32
Lacerations, incisions, abrasions and puncture wound	43	51			
Muscle soreness		2	2	1	
Pain			1		
Phlebitis		1			
Poisoning		1			
Poison Ivy			5	6	1
Puncture wound			1		9
Rabies virus on skin					
Rupture varicosity		1			
Sliver and splinter	3	9	4	5	5
Sprain and strain	12	10	14	21	11
Torn ligament	1				2

Table IV

LABORATORY EXAMINATIONS

	<u>Positive</u>	<u>Negative</u>	<u>Total</u>
Widal test for typhoid fever	105	1568	1673
Feces for typhoid fever	2	132	134
Feces urine for typhoid fever	3	483	486
Sputum for tuberculosis	3	95	98
Kahn test for syphilis	6	591	597
Throat cultures, diphtheria	11	348	359
Smear, Vincent's angina	44	54	98
Agglutination test for undulant fever	0	1	1
Agglutination test for tularemia	0	0	

Table IV (cont'd)

	<u>Positive</u>	<u>Negative</u>	<u>Total</u>
Urethral smears	14	51	65
Feces for amebic dysentery	0	0	0
Smear for tuberculosis	0	0	0
Malaria blood smear	0	0	0
Gonococcus fixation blood	0	124	124
Feces; no endamoeba histolytica	0	0	0
X-ray examinations			123
Blood examinations (white cells)			65
Basal metabolism test			52
Eye Cultures	7	3	10

Table V

CASES CARED FOR AT MCKINLEY HOSPITAL

	<u>Communicable</u>	<u>Non-Communicable</u>		<u>Total</u>
	<u>Cases</u>	<u>Days</u>	<u>Cases</u>	<u>Days</u>
July	0	0	0	0
August	0	0	0	0
September	0	0	133	273
October	0	0	374	1085
November	1	21	268	906
December	4	40	347	1170
January	4	20	852	1568
February	11	132	293	1003
March	12	175	342	1143
April	21	221	241	736
May	25	339	231	809
June	2	63	33	144
Total	80	1011	2714	8837
				2794 9848

Table VI

AVERAGE HOSPITAL STAY
Percentage of Students Using Hospitals

<u>Year</u>	<u>Average Hospital Stay</u>	<u>Percent of Students Using Hospitals</u>
1931-1932	4.07	15.8
1932-1933	4.1	11.9
1933-1934	3.91	15.3
1934-1935	3.65	24.6
1935-1936	3.89	24.3
1936-1937	3.81	24.8

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Table VII

CASES CARED FOR AT MCKINLEY HOSPITAL

Disease	1934-1935		1935-1936		1936-1937	
	Cases	Days	Cases	Days	Cases	Days
Chickenpox	3	33	.10	106	2	20
Diphtheria	1	13	0	0	2	27
Influenza	599	2050	533	1804	304	1217
Malaria	0	0	0	0	0	0
Measles	24	124	2	8	3	6
Mumps	7	72	20	180	59	572
Pneumonia	0	0	6	103	5	105
Rubella	342	1179	0	0	0	0
Scarlet fever	19	498	28	699	14	386
Total	995	3969	599	2900	389	2333

Table VIII

ELEMENTARY HYGIENE

	<u>Number of Students</u>	<u>Number of Sections</u>
Hygiene V		
Men, First Semester	1225	23
Men, Second Semester	1242	23
Hygiene II		
Women, First Semester	490	8
Women, Second Semester	403	8

ADVANCED HYGIENE

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Hygiene X			
First Semester	25	5	30
Second Semester	99	12	111

Table IX

FAMILY HISTORY OF INHERITABLE DISEASES

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Apoplexy	.97	2.71	48	1.29	25	1.62
Cancer	9.04	13.26	319	8.59	212	13.79
Goiter	4.91	9.23	162	4.36	114	7.41
Mental disturbances	.85	1.46	25	.67	24	1.56
Diabetes	5.67	7.47	181	4.88	129	8.39
Epilepsy	.21	.15	13	.35	3	.19
Kidney disease	2.52	3.52	75	2.02	78	5.07
Tuberculosis	4.52	9.01	204	5.49	139	9.04

Table X

INJURIES

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Head	4.73	1.68	153	4.12	23	1.49
Chest	3.76	1.10	136	3.67	5	.32
Abdomen	1.06	.07	30	.81	2	.05
Arm	11.83	5.13	582	15.68	77	5.01
Leg	6.61	4.76	313	8.43	38	2.47
Others	2.34	3.30	70	1.88	62	4.03

Table XI

OPERATIONS

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Head						
Tonsils	43.71	52.53	1839	49.58	834	54.23
Adenoids	35.58	30.33	1225	33.01	335	21.78
Others	3.88	5.27	109	2.94	68	4.42
Chest	.76	.29	14	.38	1	.06
Abdomen	7.1	10.62	356	9.59	164	10.66
Circumcision	19.5		783			
Others	4.19	2.05	94	2.53	43	2.79

Table XII

USE OF TEA, COFFEE, AND TOBACCO

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Tea	20.87	42.64	929	25.03	714	46.42
Coffee	46.22	48.2	1634	44.03	769	50.0
Tobacco	35.94	29.45	1418	38.21	443	28.8
None of the three	25.57	26.59	1229	33.12	392	25.51

Table XIII

SLEEPING HABITS

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Under 6 hours	0.	.22	8	.23	11	.72
6 to 7 hours	8.8	13.33	441	11.88	171	11.12
8 to 9 hours	86.05	82.49	3039	81.87	1239	80.56
10 hours and over	5.16	3.96	224	4.03	117	7.60

Table XIV

STUDENTS GIVING HISTORIES OF TYPHOID FEVER

Class of 1927	5.15	Class of 1934	2.09
Class of 1928	4.86	Class of 1935	2.08
Class of 1929	4.08	Class of 1936	2.21
Class of 1930	3.72	Class of 1937	2.28
Class of 1931	2.79	Class of 1938	2.57
Class of 1932	2.83	Class of 1939	1.46
Class of 1933	3.02	Class of 1940	1.14

Table XV

RELATIVE OCCURRENCE OF CERTAIN DISEASES IN HISTORIES OF THE CLASS OF 1940

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Appendicitis	7.89	11.14	321	8.67	213	13.85
Asthma	2.09	6.01	65	1.78	38	2.47
Chickenpox	54.9	70.92	1805	48.64	1100	72.18
Chorea	.12	.51	7	.19	5	.33
Constipation			39	1.08	80	5.86

Table XV (cont'd)

	1939		1940		Total	
	Men %	Women %	Men No.	Women %	No.	%
Diabetes	.24	.15	9	.24	5	.33
Diphtheria	6.61	6.01	207	5.58	87	5.66
Discharging ear	3.61	6.81	137	3.69	110	7.16
Dysentery	.52	.44	15	.40	7	.46
Epilepsy	.06	.15	4	.11	0	0
Heart trouble	2.49	2.86	112	3.02	57	3.71
Hay fever	6.73	5.20	213	5.74	102	6.63
Hernia (rupture)	2.34	.37	101	2.72	10	.66
Infantile paralysis	.82	.81	74	1.99	11	.72
Influenza	22.35	22.87	487	13.12	312	20.29
Kidney trouble	1.24	2.78	57	1.54	49	3.19
Malaria	2.34	22.	82	2.21	40	2.60
Measles	66.3	85.13	2962	79.82	1299	84.46
German measles	23.35	34.43	772	20.80	522	33.94
Meningitis	.02	.15	8	.22	3	.19
Mumps	48.04	54.	1938	52.22	806	52.41
Nervous breakdown	.61	1.68	23	.62	18	1.17
Pleurisy	1.52	2.56	51	1.37	42	2.73
Pneumonia	8.04	10.11	345	9.29	203	13.2
Rheumatism	1.36	2.42	51	1.37	49	3.19
Scarlet fever	13.38	18.10	595	16.01	266	17.30
Sinusitis	3.52	3.	164	4.42	76	4.94
Smallpox	2.55	2.42	118	3.18	45	11.78
Tonsillitis			437	11.78	247	16.06
Trachoma	.06	0	2	.06	0	0
Tuberculosis	.24	.29	7	.19	4	.26
Typhoid fever	1.64	1.03	37	1.0	23	1.5
Undulant fever	.12	.07	4	.11	0	0
Whooping cough	44.62	63.96	1799	48.48	977	63.52
Others	2.64	0	379	10.21	39	2.54
Immunizations:						
Diphtheria	12.5	13.41	857	23.09	355	23.08
Scarlet fever			383	10.32	187	12.16
Smallpox	70.46	80.81	2845	76.66	1148	74.64
Typhoid fever	14.13	6.52	655	17.38	157	10.21
Tests:						
Schick			387	10.43	155	10.08
Dick			179	4.82	89	5.79

Table XVI

GENERAL DEVELOPMENT

	1939		1940		Total	
	Men %	Women %	Men No.	Women %	No.	%
Excellent	.82	3.96	31	.84	36	2.34
Good	79.56	87.69	3339	90.0	1430	92.98
Fair	19.25	8.35	316	8.39	70	4.55
Poor	.36	0	25	.67	2	.13

Table XVI (cont'd)

BUILD

	1939		1940			
	Men %	Women %	Men No.	%	Women No.	%
Stocky	16.29	10.53	367	9.89	175	11.38
Medium	65.36	61.33	2708	72.97	736	47.85
Slender	18.32	28.14	636	17.14	627	40.77
					No. Total	%

Table XVII

COLOR OF EYES

	1939		1940			
	Men %	Women %	Men No.	%	Women No.	%
Blue	43.86	36.41	1401	37.75	565	36.74
Gray	5.67	6.01	388	10.48	147	9.55
Greenish	3.52	12.01	334	9.0	139	9.04
Hazel	8.49	12.23	353	9.51	178	11.57
Brown	37.52	32.16	1212	32.66	496	32.25
Dark	.94	1.17	23	.60	13	.85
					No. Total	%

Table XVIII

COLOR OF HAIR

	1939		1940			
	Men %	Women %	Men No.	%	Women No.	%
Flaxen	8.74	6.6	276	7.44	149	9.69
Reddish	3.43	3.74	111	2.99	83	5.39
Light brown	22.96	27.33	749	20.16	459	29.84
Brown	50.68	36.12	1463	39.42	450	29.26
Dark brown	9.46	22.78	742	19.99	327	21.23
Black	4.49	3.22	370	10.0	70	4.59
Gray	.24	.22				
					No. Total	%

Table XIX

TEETH

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Cavities	21.20	6.96	875	23.31	115	7.48
Absent	33.61	28.86	1612	43.44	368	23.29
Need cleaning	14.38	2.49	793	21.37	25	1.63
Diseased gums	1.09	1.17	30	.81	31	2.02
No cavities						
none absent	11.86	63.74	1273	34.30	1076	70.0
Teeth devitalized	1.94	.44	286	7.71	13	.85

Table XX

ABNORMALITIES OF THE HEART

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Abnormalities						
Irregular pulse	.24	.59	56	1.51	17	1.11
Murmur			11	.30	4	.26
Aortic	.76	.15				
Mitral	.06	.51				
Systolic	.9	.37				
Unclassified						

Table XXI

THYROID ENLARGEMENT

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Enlarged						
Slight	.36	14.73	20	.54	314	24.16
Moderate	0	1.68	0	0	41	2.67
Marked	0	.59	0	0	0	0
Evidence of toxicity	0	.39	2	.05	2	.13

Table XXII
CHEST AND LUNGS

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Lungs, abnormal	.67	0	17	.46	11	.71
Chest					28	.53
Abnormal	87.7	4.32				
Flat			87	2.34	130	8.45
Funnel			17	.46	61	3.97
Pigeon			15	.40	35	2.28
					50	.95

Table XXIII
CONDITION OF ABDOMINAL WALLS

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Abnormal	.06	.58	8	.22	14	.91
Hernia	.76	.07	26	.70	4	.26
					30	.57
					22	.42

Table XXIV
INCIDENCE OF ENLARGED LYMPH GLANDS

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Epitrochlear	4.37	1.9	75	2.02	4	.26
Axillary	10.37	.73	142	3.83	30	1.95
Cervical	9.95	22.71	207	5.58	258	16.78
Inguinal	24.6	5.64	663	17.87	49	3.19
					712	13.56

Table XXV
HERNIA IN MEN

Class of 1929	1.51	Class of 1935	1.71
Class of 1930	1.35	Class of 1936	.71
Class of 1931	1.26	Class of 1937	1.19
Class of 1932	1.41	Class of 1938	1.16
Class of 1933	1.74	Class of 1939	.76
Class of 1934	1.30	Class of 1940	.70

Table XXVI

GENITO-URINARY ORGANS

	<u>1939</u>	<u>1940</u>
	%	%

Testes		
Atrophied	.21)
Enlarged	.09)
Hydrocele	.91	}
Undescended	.03	}
Varicocele	4.7)
Circumcision	37.67	23.76

Table XXVII

CRYPTORCHIDISM

Class of 1929	.75	Class of 1935	.48
Class of 1930	.71	Class of 1936	.28
Class of 1931	.38	Class of 1937	.32
Class of 1932	.60	Class of 1938	.43
Class of 1933	.32	Class of 1939	.03
Class of 1934	.70	Class of 1940	.29

Table XXVIII

URINALYSIS

	1939		1940				Total	
	Men %	Women %	Men No.	%	Women No.	%	No.	%
Acid	84.44	75.97	2970	80.03	1118	72.63	4058	77.88
Alkaline	9.68	18.83	728	19.62	333	21.65	1061	20.21
Neutral	5.64	5.20	13	.35	35	2.27	48	.91
Sugar	.42	.59	16	.43	12	.78	28	.53
Albumin	4.94	4.69	225	6.06	36	2.47	263	5.01

Table XXIX

GLYCOSURIA AND ALBUMINURIA OVER A PERIOD OF YEARS

	<u>Sugar</u>		<u>Albumin</u>	
	Men %	Women %	Men %	Women %
Class of 1927	.04	.07	7.80	4.3
Class of 1928	.84	.41	3.10	.49
Class of 1929	.12	.07	3.75	.49
Class of 1930	.19	.60	7.33	4.4
Class of 1931	.58	1.86	5.71	2.75
Class of 1932	.06	.48	3.6	2.1
Class of 1933	.09	.85	2.62	1.44
Class of 1934	.21	.79	5.65	2.97
Class of 1935	.22	1.29	5.40	4.2
Class of 1936	.52	1.19	6.7	2.87
Class of 1937	.52	0	4.97	1.15
Class of 1938	.86	2.13	4.59	3.66
Class of 1939	.42	.59	4.94	4.69
Class of 1940	.43	.78	6.06	2.47

Table XXX

FOOT ABNORMALITIES

	1939		1940		Total
	Men %	Women %	Men No.	Women %	
Long arches					
1st degree	11.92	32.16	291	7.84	428
2nd degree	5.52	7.03	84	2.26	153
3rd degree	2.46	1.98	40	1.08	32
Anterior arches	14.47	7.47	382	10.29	160
Abnormalities of feet					
	2.21	2.2	0	0	56
					3.64
					56
					1.07

Table XXXI

FOOT ABNORMALITIES OVER A PERIOD OF YEARS

	Long Arches				Anterior Arches			
	1st Degree		2nd Degree		3rd Degree			
	Men	Women	Men	Women	Men	Women	Men	Women
Class of 1930	16.49	33.63	14.41	14.47	4.8	5.27	24.79	45.3
Class of 1931	15.82	29.78	11.35	33.22	3.25	11.	20.25	23.18
Class of 1932	18.4	17.5	10.9	27.8	2.5	19.8	27.1	27.5
Class of 1933	9.99	17.3	7.74	17.17	1.33	5.94	15.23	42.17
Class of 1934	19.5	11.68	9.73	9.3	2.03	1.51	22.31	28.41
Class of 1935	15.9	19.2	9.5	8.7	1.08	1.6	19.6	35.9
Class of 1936	18.3	36.4	9.5	10.0	.99	2.18	28.3	29.
Class of 1937	14.3	32.9	7.1	12.3	2.4	2.72	22.2	34.
Class of 1938	15.82	25.21	6.98	7.84	2.36	1.68	18.98	20.49
Class of 1939	11.92	32.16	5.52	7.03	2.46	1.98	14.47	7.47
Class of 1940	7.84	27.83	2.26	9.95	1.08	2.08	10.29	39.01

Table XXXII

SPINE ABNORMALITIES

	1939		1940			
	Men	Women	Men	Women	Total	%
	%	%	No.	%	No.	%
Kyphosis	1.43	1.25	29	.78	101	6.57
Lordosis	3.61	5.13	109	2.94	182	11.83
Scoliosis	2.61	4.91	81	2.18	116	7.54
					130	2.48
					291	5.54
					197	3.75

Table XXXIII

NOSE ABNORMALITIES

	1939		1940			
	Men	Women	Men	Women	Total	%
	%	%	No.	%	No.	%
Spur	4.64	.15	163	4.39	6	.39
Deviated septum	17.50	9.6	504	13.58	184	11.96
Atrophied	.27		11	.30	1	.06
Hypertrophy	7.07	2.05	317	8.54	153	9.95
					169	3.22
					688	13.11
					470	8.95

Table XXXIV

THROAT ABNORMALITIES

	1939				1940			
	Men %	Women %	Men No.	%	Women No.	%	Total No.	%
Tonsils								
Removed	49.2	56.26	1729	46.59	885	57.54	2614	49.80
Tags	7.73	16.12	220	5.93	189	12.29	409	7.80
Pathological	14.13	10.84	537	14.47	144	9.36	681	12.97

Table XXXV

PERCENTAGE OF STUDENTS WITH TONSILS REMOVED OVER A PERIOD OF YEARS

	<u>Men</u>	<u>Women</u>		<u>Men</u>	<u>Women</u>
Class of 1929	28.78	33.77	Class of 1935	45.4	52.2
Class of 1930	30.76	38.3	Class of 1936	44.	50.1
Class of 1931	35.77	42.42	Class of 1937	45.3	52.1
Class of 1932	37.3	37.2	Class of 1938	52.19	57.19
Class of 1933	42.48	45.56	Class of 1939	49.20	56.26
Class of 1934	42.41	41.1	Class of 1940	46.59	57.54

Table XXXVI

EARS

	1939				1940			
	Men %	Women %	Men No.	%	Women No.	%	Total No.	%
Drum retracted								
Perforated	.12	0	4	.11	4	.26	8	.15
Cerumen	7.49	10.04	314	8.46	137	8.91	451	8.59
Hearing abnormal	.52	.37	1	.03	6	.39	7	.13

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Table XXXVII

EYES

	1939		1940		Total	
	Men %	Women %	Men No.	%	Women No.	%
Abnormal						
Color vision	.19	0	21	.57	0	0
Manifest astigmatism	53.2	24.76	276			
Refraction						
O.D. only	9.73	8.2	249	6.74	151	9.82
O.S. only	11.52	8.13	276	7.44	142	9.23
Both O.D. and O.S.	26.87	35.3	1155	31.10	438	28.48
Corrected with glasses	8.49	34.8	342	9.22	541	35.11

Table XXXVIII

POSTURE

	1940		Total	
	Men No.	%	Women No.	%
Restricted flexibility	5	.13	2	.13
Excellent	12	.32	312	20.29
Good	3415	92.02	966	62.81
Fair	204	5.49	248	16.12
Poor	80	2.16	12	.78

Table XXXIX

INCIDENCE OF HISTORY OF VENEREAL DISEASE

	1940		Total	
	Men No.	%	Women No.	%
Gonorrhea	2	.05	0	0
Syphilis	0	0	0	0
Chancroid	0	0	0	0

Table XL

INCIDENCE OF VACCINATION SCARS

	Men		Women		Total	
	No.	%	No.	%	No.	%
Arm	3072	82.78	870	56.57	3942	75.1
Leg	10	.27	348	22.63	358	6.82
None	629	16.95	320	20.80	949	18.08

Table XLI

SKIN DISEASES

	Men		Women		Total	
	No.	%	No.	%	No.	%
Acne	1252	33.74	521	33.87	1873	33.78
Mycosis	377	10.16	369	23.99	746	14.21
Other	21	.57	32	2.03	53	1.01

TWENTY-FIRST ANNUAL REPORT

APPENDIX B

APPENDIX B

Table I

SUMMARY OF MEDICAL HISTORIES

	<u>Men</u>	<u>Women</u>	<u>Class of Total</u>	'40	<u>Class of Total</u>	'39
Total number examined	3711	1538	5249		4662	
Total number reexamined	2639	1199	3838		3394	
Inheritable diseases						
Apoplexy (family history)	48	25	73		69	
Cancer (" ")	319	212	531		479	
Goiter (" ")	162	114	276		288	
Mental disturbances (family history)	25	24	49		48	
Diabetes (family history)	181	129	310		289	
Epilepsy (" ")	13	3	16		9	
Kidney disease (family history)	75	78	153		131	
Tuberculosis (family history)	204	139	343		272	
Birthplace						
Illinois	2671	867	3738		3444	
Elsewhere	1040	471	1511		1218	
Work for self-support during college	2108	325	2433		1755	
Use laxatives frequently	155	130	285		246	
Sleep						
Under 6 hours	8	11	19		3	
6-7 hours	441	171	612		472	
8-9 hours	3039	1239	4278		3963	
10 hours and over	224	117	341		224	
Habits						
Coffee	1634	769	2403		2182	
Tea	929	714	1643		1270	
Tobacco	1418	443	1861		1593	
None of the three	1229	392	1621		1206	
Age started smoking		0				
Younger than 10 years	0		0		8	
10-15 years	66	46	112		174	
15-20 years	1252	366	1628		1271	
20-25 years	99	28	127		110	
Over 25 years	1	6	7		11	
Meals per day						
One	0	1	1		4	
Two	53	86	139		115	
Three	3635	1451	5086		4518	
More than three	23	0	23		25	
Weight the past year						
Gained	1427	439	1866		1609	
Lost	325	242	567		565	
Stationary	1959	857	2816		2488	

Table I--Continued

	<u>Men</u>	<u>Women</u>	<u>Class of Total</u>	'40	<u>Class of Total</u>	'39
Easily fatigued	170	245	415		334	
Subject to frequent colds in						
Nose	477	316	793		502	
Throat	180	134	314		193	
Lungs	46	31	77		44	
When reading, bothered with						
Headaches	156	137	293		267	
Blurring of vision	123	81	204		158	
Burning of eyes	163	132	275		187	
Squinting of eyes	89	68	157		121	
Watering of eyes	105	62	167		131	
Twitching of eyes	71	63	134		97	
Persistently worry	124	75	199		186	
Have the "blues"	150	128	278		237	
Injuries						
Head	153	23	176		179	
Chest	136	5	141		139	
Abdomen	30	2	32		36	
Arm	582	77	659		460	
Leg	313	38	351		283	
Others	70	62	132		122	
Operations						
Head						
Tonsils	1839	834	2673		2158	
Adenoids	1225	335	1560		1587	
Others	109	68	177		200	
Chest	14	1	15		29	
Abdomen	356	164	520		379	
Circumcision	783		783		643	
Others	94	43	137		166	
Arches of feet painful	107	76	183		203	
Possible reasons for not taking						
Physical education	119	91	210		245	
Military science	157		157		184	
Diseases had						
Appendicitis	321	213	534		412	
Asthma	65	38	103		151	
Chickenpox	1805	1100	2905		2778	
Chorea	7	5	12		11	
Constipation	39	80	119			
Diabetes	9	5	14		10	
Diphtheria	207	87	294		300	
Discharging ear	137	110	247		595	
Dysentery	15	7	22		23	
Epilepsy	4	0	4		4	
Heart trouble	112	57	169		121	
Hay fever	213	102	315		293	

Table I--Continued

	<u>Men</u>	<u>Women</u>	<u>Class of Total</u>	<u>'40</u>	<u>Class of Total</u>	<u>'39</u>
Diseases had (cont'd)						
Hernia (rupture)	101	10	111		82	
Infantile paralysis	74	11	85		38	
Influenza	487	312	799		1041	
Kidney trouble	57	49	106		79	
Malaria	82	40	122		107	
Measles	2962	1299	4261		3348	
German measles	772	522	1294		1240	
Meningitis	8	3	11		9	
Mumps	1938	806	2744		2321	
Nervous breakdown	23	18	41		43	
Pleurisy	51	42	93		85	
Pneumonia	345	203	548		403	
Rheumatism	51	49	100		78	
Scarlet fever	595	266	861		688	
Sinusitis	164	76	240		157	
Smallpox	118	45	163		117	
Tonsillitis	437	247	684			
Trachoma	2	0	2		2	
Tuberculosis	7	4	11		12	
Typhoid fever	37	23	60		68	
Undulant fever	4	0	4		5	
Whooping cough	1799	977	2776		2344	
Others	379	39	418		87	
Immunizations						
Diphtheria	857	355	1212		595	
Scarlet fever	383	187	570			
Smallpox	2845	1148	3993		3426	
Typhoid fever	655	157	812		555	
Tests						
Schick	387	155	542			
Dick	179	89	268			

Table II

SUMMARY OF PHYSICAL EXAMINATIONS

	<u>Men</u>	<u>Women</u>	<u>Class of Total</u>	<u>'40</u>	<u>Class of Total</u>	<u>'39</u>
Color of Hair						
Flaxen	276	149	425		378	
Reddish	111	83	194		164	
Light brown	749	459	1208		1130	
Brown	1463	450	1913		2164	
Dark brown	742	327	1069		623	
Black	370	70	440		192	
Gray					11	

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163. *Letters* (20670-20675)

164. *Letters* (20675-20680)

165. *Letters* (20680-20685)

166. *Letters* (20685-20690)

167. *Letters* (20690-20695)

168. *Letters* (20695-20700)

169. *Letters* (20700-20705)

170. *Letters* (20705-20710)

171. *Letters* (20710-20715)

172. *Letters* (20715-20720)

173. *Letters* (20720-20725)

174. *Letters* (20725-20730)

175. *Letters* (20730-20735)

176. *Letters* (20735-20740)

177. *Letters* (20740-20745)

178. *Letters* (20745-20750)

179. *Letters* (20750-20755)

180. *Letters* (20755-20760)

181. *Letters* (20760-20765)

182. *Letters* (20765-20770)

183. *Letters* (20770-20775)

184. *Letters* (20775-20780)

185. *Letters* (20780-20785)

186. *Letters* (20790-20795)

187. *Letters* (20795-20800)

188. *Letters* (20800-20805)

189. *Letters* (20805-20810)

190. *Letters* (20810-20815)

191. *Letters* (20815-20820)

192. *Letters* (20820-20825)

193. *Letters* (20825-20830)

194. *Letters* (20830-20835)

195. *Letters* (20835-20840)

196. *Letters* (20840-20845)

197. *Letters* (20845-20850)

198. *Letters* (20850-20855)

199. *Letters* (20855-20860)

200. *Letters* (20860-20865)

201. *Letters* (20865-20870)

202. *Letters* (20870-20875)

203. *Letters* (20875-20880)

204. *Letters* (20880-20885)

205. *Letters* (20885-20890)

206. *Letters* (20890-20895)

207. *Letters* (20895-20900)

208. *Letters* (20900-20905)

209. *Letters* (20905-20910)

210. *Letters* (20910-20915)

211. *Letters* (20915-20920)

212. *Letters* (20920-20925)

213. *Letters* (20925-20930)

214. *Letters* (20930-20935)

Table II--Continued

	<u>Men</u>	<u>Women</u>	<u>Class of '40</u>	<u>Class of '39</u>
			<u>Total</u>	<u>Total</u>
Color of Eyes				
Blue	1401	565	1966	1943
Gray	388	147	535	269
Greenish	334	139	473	280
Hazel	353	178	531	447
Brown	1212	496	1708	1676
Black	23	13	36	47
Vision abnormal				
Without glasses				
Both eyes	1155	438	1593	1370
Right eye (O.D.)	249	151	400	433
Left eye (O.S.)	276	142	418	471
Corrected with glasses	342	541	883	755
Color vision abnormal	21	0	21	6
Manifest astigmatism				2093
Ears				
Both ears				
Cerumen	314	137	451	384
Perforated drum	4	4	8	4
Hearing abnormal	1	6	7	22
Right ear				
Cerumen	112	82	194	154
Perforated drum	8	9	17	2
Hearing abnormal	9	7	16	1
Left ear				
Cerumen	76	72	148	120
Perforated drum	8	6	14	2
Hearing abnormal	4	5	9	6
Nose				
Spur	163	6	169	155
Deviation	504	184	688	708
Chronic hypertrophy	317	153	470	261
Atrophy	11	1	12	9
Tonsils				
Removed	1729	885	2614	2390
Tags	220	189	409	475
Pathological	537	144	681	614
Tooth				
No cavities or absent	1273	1076	2349	1261
Cavities	875	115	980	788
Absent	1612	368	1980	1502
Need cleaning	793	25	818	508
Devitalized	286	13	299	70
Gums diseased	30	31	61	52

Table II--Continued

	<u>Men</u>	<u>Women</u>	<u>Class of Total</u>	'40	<u>Class of Total</u>	'39
Weight						
Below 100 pounds	*	95				78
100-115		558				487
116-130		505				466
131-145		229				212
146-160		97				84
161-175		28				19
176-190		17				11
191 and over		9				8
Height	*					
Below 50 inches		0				0
50-59		52				35
60-62		441				324
63-65		756				682
66-68		264				295
69-71		25				29
72 and over		0				0
General Development						
Excellent	31	36	67			81
Good	3339	1430	4769			3820
Fair	316	70	386			749
Poor	25	2	27			12
Build						
Stocky	367	175	542			682
Medium	2708	736	3444			2991
Slender	636	627	1263			988
Skin						
Acne	1252	521	1873			1290
Mycosis	377	369	746			385
Other skin diseases	21	32	53			50
Vaccination scar						
Arm	3072	870	3942			3553
Leg	10	348	358			346
None	629	320	949			763
Chest						
Abnormal						82
Flat	87	130	217			
Funnel	17	61	78			
Pigeon	15	35	50			
Vertebral Column						
Kyphosis (stooped)	29	101	130			64
Lordosis (swayback)	109	132	291			189
Scoliosis (curvature)	81	116	197			153

Table II--Continued

	<u>Men</u>	<u>Women</u>	<u>Class of</u>	'40	<u>Class of</u>	'39
			<u>Total</u>		<u>Total</u>	
Posture						
Excellent	12	312	324			
Good	3415	966	4381			
Fair	204	248	452			
Poor	80	12	92			
Restricted flexibility	5	2	7			10
Incorrect						286
Lymph nodes						
Axillary	142	30	172			352
Cervical	207	258	465			638
Epitrochlear	75	4	79			170
Inguinal	663	49	712			888
Thyroid						
Enlarged						
Slight	20	314	334			213
Moderate	0	41	41			23
Marked	0	0	0			4
Evidence of toxicity	2	2	4			8
Lungs, abnormal	17	11	28			22
Heart						
Abnormal	56	17	73			71
Irregular pulse	11	4	15			16
Abdomen, abnormal	8	14	22			
Reflexes						
Patellar	42	29	71			44
Romberg	9	13	22			11
Pupillary	9	10	19			13
Penis, circumcised	1372					1242
Testes, abnormal	26					41
Menses						
Regular		1288				1142
Irregular		250				223
Pain, severe		267				272
slight		529				374
Varicocele, present	249					155
Hernia, present	26	4	30			26
Hemorrhoids, present	20	8	28			29
Flat feet						
Long arches						
1st degree	291	428	719			832
2nd degree	84	153	237			278
3rd degree	40	32	72			108
Anterior arches flat	382	600	982			779
Abnormalities	0	56	56			103
Had venereal disease						
Gonorrhea	2	0	2			13
Syphilis	0	0	0			1
Chancroid	0	0	0			

Table II--Continued

	<u>Men</u>	<u>Women</u>	<u>Class of Total</u>	'40	<u>Class of Total</u>	'39
Physical defects						
Amputations	12	4	16		24	
Atrophies	20	5	25		14	
Unusual scars	298	76	344		266	
Deformities	36	20	56		53	
Others					41	
Urine						
Acid	2970	1118	4088		3821	
Alkaline	728	333	1061		576	
Neutral	13	35	48		257	
Albumin						
Persistent	15	4	19		43	
Transitory	210	34	244		184	
Sugar						
Persistent	1	4	5		2	
Transitory	15	8	23		20	

SUBNORMAL DEVELOPMENT OF MEN STUDENTS
AS DETERMINED BY MINIMUM STANDARDS
OF THE WAR DEPARTMENT

			<u>Urban</u>	<u>Rural</u>	<u>Out-S</u>	<u>Grand Total</u>				
Underheight and Underweight (under 64" and 120 lbs.)			20	8	12	40				
Underheight (under 64"; 120 lbs. or over)			17	9	10	36				
<u>Height</u>	<u>Weight</u>	<u>Chest at Expiration</u>	<u>Satisfactory</u>				<u>Underdev.</u>	<u>Chest</u>		
			<u>Urban</u>	<u>Rural</u>	<u>Out-S</u>	<u>Total</u>	<u>Urban</u>	<u>Rural</u>	<u>Out-S</u>	<u>Total</u>
64	120	30	58	15	4	77	0	0	0	0
65	121	30	95	50	22	167	3	0	0	3
66	122	30 $\frac{1}{4}$	173	79	46	298	0	0	0	0
67	124	30 $\frac{1}{2}$	249	114	52	415	1	0	0	1
68	126	30 $\frac{3}{4}$	358	134	85	577	2	0	0	2
69	128	31	312	115	62	489	2	0	0	2
70	130	31 $\frac{1}{4}$	317	104	68	489	4	0	0	4
71	133	31 $\frac{3}{4}$	240	88	49	377	4	0	0	4
72	138	32 $\frac{1}{4}$	132	43	18	193	3	0	0	3
73	143	32 $\frac{3}{4}$	44	12	17	73	1	0	0	1
74	148	33 $\frac{1}{2}$	22	9	9	40	1	0	0	1
75	155	34 $\frac{1}{4}$	2	4	5	11	0	0	0	0
76	161	34 $\frac{3}{4}$	5	1	1	7	0	0	0	0
77	168	35 $\frac{1}{4}$	1	1	0	2	0	0	0	0
78	175	35 $\frac{3}{4}$	0	0	0	0	0	0	0	0
80	194		1			1				
	<u>Totals</u>		2009	769	438	3216	21	0	0	21

SUBNORMAL DEVELOPMENT OF MEN STUDENTS
AS DETERMINED BY MINIMUM STANDARDS
OF THE WAR DEPARTMENT
(cont'd)

<u>Height</u>	<u>Weight</u>	<u>Chest at Expiration</u>	<u>Underweight</u>				<u>Underdev. and Underweight</u>			
			<u>Urban</u>	<u>Rural</u>	<u>Out-S</u>	<u>Total</u>	<u>Urban</u>	<u>Rural</u>	<u>Out-S</u>	<u>Total</u>
64	120	30	9	9	6	24	1	1	1	3
65	121	30	24	12	7	43	5	0	1	6
66	122	30 $\frac{1}{4}$	22	11	12	45	4	0	1	5
67	124	30 $\frac{1}{2}$	25	7	9	41	2	1	0	3
68	126	30 $\frac{3}{4}$	30	23	11	64	1	0	0	1
69	128	31	20	14	5	39	3	0	1	4
70	130	31 $\frac{1}{4}$	29	7	2	38	4	0	0	4
71	133	31 $\frac{3}{4}$	13	9	2	24	3	0	0	3
72	138	32 $\frac{1}{4}$	17	4	1	22	5	0	0	5
73	143	32 $\frac{3}{4}$	7	1	2	10	3	0	0	3
74	148	33 $\frac{1}{2}$	2	1	1	4	0	0	0	0
75	155	34 $\frac{1}{4}$	3	0	0	3	1	0	0	1
76	161	34 $\frac{3}{4}$	0	0	0	0	1	0	0	1
77	168	35 $\frac{1}{4}$	1	0	0	1	0	0	0	0
78	175	35 $\frac{3}{4}$	0	0	0	0	1	0	0	1
<u>Totals</u>			202	98	58	358	34	2	4	40

SUBNORMAL DEVELOPMENT OF MEN STUDENTS
 AS DETERMINED BY MINIMUM STANDARDS
 OF THE WAR DEPARTMENT
 (cont'd)

<u>Height</u>	<u>Weight</u>	<u>Chest at Expiration</u>	<u>Urban</u>	<u>Grand Rural</u>	<u>Totals Out-S</u>	<u>Total</u>
64	120	30	68	25	11	104
65	121	30	127	62	30	219
66	122	30 $\frac{1}{4}$	199	90	59	348
67	124	30 $\frac{1}{2}$	277	122	61	460
68	126	30 $\frac{3}{4}$	391	157	96	644
69	128	31	337	129	68	534
70	130	31 $\frac{1}{4}$	354	111	70	535
71	133	31 $\frac{3}{4}$	260	97	51	408
72	138	32 $\frac{1}{4}$	157	47	19	223
73	143	32 $\frac{3}{4}$	55	13	19	87
74	149	33 $\frac{1}{2}$	25	10	10	45
75	155	34 $\frac{1}{4}$	6	4	5	15
76	161	34 $\frac{3}{4}$	6	1	1	8
77	168	35 $\frac{1}{4}$	2	1	0	3
78	175	35 $\frac{3}{4}$	1	0	0	1
80	194	0	1	0	0	1
Totals			2266	869	500	3635

TWENTY-FIRST ANNUAL REPORT

APPENDIX C

APPENDIX C

CIVIL SERVICE EXAMINATIONS

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Total number examined	117	8	125
Married	87	3	90
Widower, widow	2	1	3
Single	28	4	32
Age			
Under 20 years	1	1	2
20 - 29 years	44	3	47
30 - 39 years	27	0	27
40 - 49 years	30	3	33
50 years and over	15	1	16
Inheritable diseases			
Tuberculosis	12	0	12
Cancer	4	2	6
Neurasthenia	0	0	0
Epilepsy	1	0	1
Others	4	1	5
Birthplace			
Illinois	82	2	84
Elsewhere	35	6	41
Injuries			
Head	4	0	4
Chest	4	1	5
Abdomen	2	0	2
Arm	8	0	8
Leg	11	0	11
Others	0	0	0
Operations			
Head			
Tonsils	20	3	23
Adenoids	10	1	11
Others	6	0	6
Chest	1	0	1
Abdomen	13	0	13
Circumcision	5		5
Vaccinations			
Typhoid fever	30	0	30
Smallpox	116	4	120
Age of vaccination scar			
Under 10 years	58	0	58
10 - 20 years	43	2	45
Over 20 years	15	1	16
Sleep			
Under 6 hours	0	0	0
6 - 7 hours	14	1	15
8 - 9 hours	99	7	116
10 hours and over	4	0	4

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Habits			
Tea	34	0	34
Coffee	81	5	86
Tobacco	88	1	89
Alcohol	16	1	17
Drugs	0	0	0
None of above	9	2	11
Diseases had			
Measles	102	6	108
Rubella	11	0	11
Mumps	84	4	88
Chickenpox	62	4	66
Whooping cough	74	4	78
Scarlet fever	13	2	15
Typhoid fever	9	2	11
Diphtheria	4	1	5
Meningitis	0	0	0
Malaria	5	0	5
Smallpox	6	1	7
Pneumonia	9	0	9
Asthma	0	0	0
Pleurisy	2	2	4
Rheumatism	7	2	9
Tonsillitis	11	0	11
Chorea	0	0	0
Influenza	37	3	40
Otitis media	0	0	0
Gonorrhcea	4	0	4
Syphilis	0	0	0
Chancroid	2	0	2
Constipation	5	1	6
Dysentery	2	0	2
Appendicitis	8	0	8
Ncurasthenia	0	0	0
Poliomyelitis	0	0	0
Tuberculosis	0	0	0
Glasses	31	2	33
Others	2	0	2

Summary of Physical Examinations

Weight			
Below 100 lbs.	0	0	0
100 - 115 incl.	5	1	6
116 - 130	19	1	20
131 - 145	33	4	37
146 - 160	29	1	30
161 - 175	14	1	15
176 - 190	13	0	13
191 and over	4	0	4

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Height			
Below 50 inches	0	0	0
50 - 59 incl.	0	0	0
60 - 62	2	0	2
63 - 65	23	6	29
66 - 68	52	2	54
69 - 71	35	0	35
72 and over	5	0	5
Color of Eyes			
Blue	62	1	63
Gray	10	1	11
Greenish	4	0	4
Hazel	11	2	13
Brown	29	4	33
Dark	1	0	1
Color of Hair			
Flaxen	0	0	0
Reddish	3	0	3
Light brown	25	1	26
Brown	51	4	55
Dark brown	20	3	23
Black	11	0	11
Grey	7	0	7
Teeth			
No cavities or absent	20	3	23
Cavities	41	2	43
Absent	83	3	86
Need cleaning	56	0	56
Devitalized	3	1	4
Gums discased	28	0	28
General Development			
Excellent	1	0	1
Good	95	8	103
Fair	21	0	21
Poor	0	0	0
Nutrition			
Fair	24	0	24
Average	87	8	95
Obese	6	0	6
Build			
Stocky	22	1	23
Medium	63	7	70
Slender	32	0	32
Appearance			
Healthy	111	8	119
Borderline	6	0	6
Unhealthy	0	0	0
Nervous	1	0	1
Alert	116	8	124
Apathetic	0	0	0

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Skin			
Dry	0	2	2
Moist	117	6	123
Acne	14	0	14
Other skin diseases	4	2	6
Vaccination scar			
Arm	113	2	115
Leg	0	2	2
None	4	4	8
Thyroid			
Enlarged	2	2	4
Evidence of toxicity	1	0	1
Chest, abnormal	0	0	0
Lymph glands			
Cervical	6	0	6
Axillary	3	0	3
Inguinal	11	0	11
Epitrochlear	1	0	1
Lungs, abnormal	1	0	1
Heart			
Irregular pulse	0	0	0
Enlarged	0	0	0
Murmur, aortic	1	0	1
mitral	2	0	2
systolic	4	0	4
Abdomen			
Rigid	0	0	0
Relaxed	2	1	3
Abnormal			
Liver	0	0	0
Spleen	0	0	0
Kidneys	0	0	0
Knee jerk	1	0	1
Hernia, present	10	0	10
Hemorrhoids, present	6	1	7
Penis, circumcised	17		
Testes, atrophied	1		
enlarged	0		
undescended	0		
hydrocele	1		
varicocle	6		
Vertebral column			
Kyphosis	2	1	3
Lordosis	9	1	10
Scoliosis	1	0	1
Incorrect posture	7	2	9
Restricted flexibility	0	0	0
Flat feet			
Long arches			
1st degree	14	1	15
2nd degree	1	3	4
3rd degree	0	0	0
Anterior arches flat	12	3	15

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Nose			
Spur	1	0	1
Deviation	11	0	11
Chronic hypertrophy	6	1	7
Atrophy	0	0	0
Adenoids, present	1	0	1
Tonsils,			
Removed	21	3	24
Tags	3	0	3
Pathological	4	2	6
Ears			
Right ear			
Cerumen	6	0	6
Drum retracted	0	1	1
Perforation	0	0	0
Hearing abnormal	0	1	1
Left ear			
Cerumen	4	0	4
Drum retracted	0	0	0
Perforation	1	0	1
Hearing abnormal	1	0	1
Both ears			
Cerumen	9	0	9
Drum retracted	0	0	0
Perforation	0	0	0
Hearing abnormal	0	0	0
Eyes			
Right eye			
Abnormal lids	1	0	1
Conjunctiva	0	0	0
Abnormal pupils	0	0	0
Fundus	1	0	1
Left eye			
Abnormal lids	0	0	0
Conjunctiva	0	0	0
Abnormal pupils	0	0	0
Fundus	0	0	0
Both eyes			
Abnormal lids	1	0	1
Conjunctiva	0	0	0
Abnormal pupils	0	0	0
Fundus	0	0	0
Vision abnormal without glasses			
Both eyes	47.	3	50
Right eye (O.D.)	6	0	6
Left eye (O.S.)	2	0	2
Corrected with glasses	7	3	10
Color vision abnormal	0	0	0
Manifest astigmatism	0	0	0

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Urine			
Acid	96	6	112
Alkaline	20	2	22
Neutral	1	0	1
Albumin	4	0	4
Sugar	1	0	1
Grade			
Excellent	0	0	0
Good	112	8	120
Fair	5	0	5
Poor	0	0	0
Reexamination	24	8	32
Waiver required	17		17
Disqualified	1		1

TWENTY-FIRST ANNUAL REPORT

APPENDIX D

APPENDIX D

UNIVERSITY HIGH SCHOOL EXAMINATIONS

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Total number examined	53	44	97
Total number reexamined	25	33	58
Inheritable diseases			
Apoplexy	1	1	2
Cancer	5	3	8
Goiter	6	2	8
Mental disturbances	1	0	1
Diabetes	5	5	10
Epilepsy	0	0	0
Kidney disease	2	0	2
Tuberculosis	2	3	5
Birthplace			
Illinois	37	31	68
Elsewhere	16	13	29
Work for self-support during school	7	0	7
Use laxatives frequently	3	9	12
Sleep			
Under 6 hours	0	0	0
6 - 7 hours	3	0	3
8 - 9 hours	25	18	43
10 hours and over	25	26	51
Habits			
Coffee	8	14	22
Tea	10	16	26
Tobacco	6	1	7
None of the three	32	17	49
Age started smoking			
Younger than 10 years	0	0	0
10 - 15 years	1	0	1
15 - 20 years	5	1	6
20 - 25 years	0	0	0
Over 25 years	0	0	0
Meals per day	.		
One	0	0	0
Two	0	1	1
Three	53	42	95
More than three	0	1	1
Weight the past year			
Gained	43	26	69
Lost	0	8	8
Stationary	10	10	20
Easily fatigued	7	4	11
Subject to frequent colds in			
Nose	6	2	8
Throat	1	1	2
Lungs	3	6	9

	<u>Men</u>	<u>Women</u>	<u>Total</u>
When reading, bothered with			
Headaches	7	5	12
Blurring of vision	0	3	3
Burning of eyes	3	2	5
Squinting of eyes	1	2	3
Watering of eyes	2	2	4
Twitching of eyes	0	2	2
Persistently worry	1	2	3
Have the "blues"	0	2	2
Injuries			
Head	2	0	2
Chest	2	0	2
Abdomen	0	0	0
Arm	10	2	12
Leg	2	0	2
Others	2	0	2
Operations			
Head			
Tonsils	29	29	58
Adenoids	18	13	31
Others	2	4	6
Chest	0	0	0
Abdomen	3	5	8
Circumcision	6	5	6
Others	0	1	1
Arches of feet painful	2	3	5
Possible reasons for not taking			
Physical Education	0	2	2
Diseases had			
Appendicitis	2	6	8
Asthma	3	1	4
Chickenpox	35	23	58
Chorea	0	0	0
Constipation	2	1	3
Diabetes	0	0	0
Diphtheria	3	1	4
Discharging ear	3	4	7
Dysentery	0	0	0
Epilepsy	0	0	0
Heart trouble	3	0	3
Hay fever	4	2	6
Hernia (rupture)	1	0	1
Infantile paralysis	0	1	1
Influenza	9	4	13
Kidney trouble	0	3	3
Malaria	0	0	0
Measles	42	31	73
German measles	22	16	38
Meningitis	0	0	0
Mumps	32	14	46

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Diseases had (cont'd)			
Nervous breakdown	0	0	0
Pleurisy	2	0	2
Pneumonia	7	4	11
Rheumatism	0	1	1
Scarlet fever	14	5	19
Sinusitis	6	0	6
Smallpox	2	6	8
Tonsillitis	6	6	12
Trachoma	0	0	0
Tuberculosis	0	1	1
Typhoid fever	1	0	1
Undulant fever	0	0	0
Whooping cough	36	29	65
Others	1	2	3
Immunizations			
Diphtheria	19	7	26
Scarlet fever	6	2	8
Smallpox	40	24	64
Typhoid fever	8	4	12
Tests			
Schick	10	3	13
Dick	10	1	11

Summary of Physical Examinations

Color of Hair			
Flaxen	12	7	19
Reddish	4	4	8
Light brown	14	10	24
Dark brown	3	6	9
Brown	15	16	31
Black	5	1	6
Color of Eyes			
Blue	27	15	42
Gray	4	6	10
Greenish	1	3	4
Hazel	4	3	7
Brown	17	16	33
Black	0	1	1
Vision abnormal			
Without glasses			
Both eyes	24	14	38
Right eye (O.D.)	4	4	8
Left eye (O.S.)	6	7	13
Corrected with glasses	5	9	14
Color vision abnormal	0	0	0
Manifest astigmatism	0	9	9

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Ears			
Both ears			
Cerumen	5	4	9
Perforated drum	0	0	0
Hearing abnormal	0	0	0
Right ear			
Cerumen	0	3	3
Perforated drum	0	1	1
Hearing abnormal	0	0	0
Left ear			
Cerumen	1	2	3
Perforated drum	0	0	0
Hearing abnormal	0	0	0
Nose			
Spur	0	0	0
Deviation	6	4	10
Chronic hypertrophy	4	4	8
Atrophic	0	1	1
Tonsils			
Removed	32	29	61
Tags	3	4	7
Pathological	3	6	9
Teeth			
No cavities or absent	30	23	53
Cavities	10	5	15
Absent	18	12	30
Need cleaning	7	1	8
Devitalized	1	1	2
Gums diseased	0	1	1
Weight			
Below 100 pounds		16	
100 - 115		12	
116 - 130		10	
131 - 145		5	
146 - 160		1	
161 - 175		0	
176 - 190		0	
191 and over		0	
Height			
Below 50 inches		0	
50-- 59		7	
60 - 62		19	
63 - 65		15	
66 - 68		3	
69 - 71		0	
72 and over		0	
General Development			
Excellent	1	3	4
Good	41	37	78
Fair	11	4	15
Poor	0	0	0

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Build			
Stocky	5	3	8
Medium	35	16	51
Slender	13	25	38
Skin			
Acne	14	11	25
Mycosis	3	8	11
Other skin diseases	2	1	3
Vaccination scar			
Arm	35	14	49
Leg	1	9	10
None	17	21	38
Chest			
Flat	0	5	5
Funnel	1	0	1
Pigeon	0	0	0
Vertebral column			
Kyphosis	0	2	2
Lordosis	3	4	7
Scoliosis	0	0	0
Posture			
Excellent	1	7	8
Good	45	29	74
Fair	5	7	12
Poor	2	1	3
Restricted flexibility	0	0	0
Lymph nodes			
Axillary	3	2	5
Cervical	8	11	19
Epitrochlear	3	1	4
Inguinal	6	3	9
Thyroid			
Enlarged			
slight	0	5	5
moderate	0	1	1
marked	0	0	0
Evidence of toxicity	0	0	0
Lungs, abnormal	0	0	0
Heart			
Abnormal	0	0	0
Irregular pulse	0	0	0
Abdomen, abnormal	0	1	1
Reflexes			
Patellar	2	1	3
Romberg	0	0	0
Pupillary	0	2	2
Penis, circumcised	15		
Testes, abnormal	0		
Varicocele, present	1		

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Menses			
Not started yet		10	
Regular		27	
Irregular		7	
Pain, severe		0	
slight	0	9	
Hernia, present	0	0	0
Hemorrhoids, present		0	0
Flat feet,			
Long arches			
1st degree	5	12	17
2nd degree	2	4	6
3rd degree	0	2	2
Anterior arches flat	4	10	14
Abnormalities	0	1	1
Had venereal disease			
Gonorrhea	0	0	0
Syphilis	0	0	0
Chancroid	0	0	0
Physical defects			
Amputations	0	0	0
Atrophies	0	0	0
Unusual scars	1	3	4
Deformities	0	0	0
Urine			
Acid	45	29	74
Alkaline	8	8	16
Neutral	0	3	3
Albumin, persistent	0	0	0
transitory		1	
Sugar, persistent	0	0	0
transitory	2	1	3

TWENTY-FIRST ANNUAL REPORT

APPENDIX E

CASES ENCOUNTERED DURING THE YEAR

Abdominal pain		34
Abscess		
Alveolar (gumboil)	21	
Tonsillar	1	
Unclassified	<u>9</u>	31
Achlorhydria		1
Acne		200
Adenitis		
Cervical	21	
Inguinal	2	
Unclassified	<u>55</u>	78
Adenoma		1
Adhesions		3
Albuminuria		
Accidental	180	
Unclassified	<u>251</u>	431
Allergy		17
Alopecia		1
Amenorrhea		9
Anemia		2
Angina		
Pectoris	1	
Vincent's	<u>32</u>	33
Ankylosis		1
Anorexia		2
Appendicitis		
Acute	8	
Chronic	24	
Unclassified	<u>57</u>	89
Arthritis		33
Asthma		27
Astigmatism		12
Autointoxication		29
Balanitis		3
Bites		
Animal	13	
Insect stings	<u>24</u>	37
Blepharitis		27
Bright's disease		1
Bromidrosis		10
Bronchitis		
Acute	73	
Chronic	4	
Unclassified	<u>310</u>	387
Bunion		13
Bursitis		51
Callosity		69
Carbuncle		5
Caries, dental		46
Catarrh		6

Table 6.22 Impact assessment: Summary

		Policy	Assessment
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

Cauliflower ear	3
Cellulitis	51
Ceruminosis	328
Chalazion	1
Chapped	
Lips	6
Skin	3
Unclassified	<u>1</u>
Clavus	92
Colitis	69
Comedo	3
Concussion	1
Condyloma	1
Conjunctivitis	
Acute	49
Chronic	2
Unclassified	<u>150</u>
Constipation	201
Coryza	91
Cough	1225
Cramp	26
Curvature of spine (kyphosis)	2
Cyst	1
Sebaceous	45
Unclassified	<u>113</u>
Cystitis	158
Dandruff	10
Deafness	6
Dermatitis	7
Chemical	8
Exfoliativa	1
Herpetiformis	5
Occupational	1
Medicamentosa	4
Venonata	11
Vesicular	1
Unclassified	<u>212</u>
Deviation, nasal septum	243
Diabetes	19
Diarrhea	2
Dry skin	32
Dysentery	1
Dysmenorrhea	9
Dysuria	50
Ecchymosis	1
Eczema	5
Edema	19
Erythema	18
Enteritis	11
	47

100' above the base
of the cliff bank
is a small, low
ridge.

The ridge is
about 100' long
and 10' high.

The ridge is
about 100' long
and 10' high.

The ridge is
about 100' long
and 10' high.

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100' above the base of the cliff bank

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of the cliff bank

100' above the base
of the cliff bank

Epidermophytosis	12
Epididymitis	2
Epilepsy	1
Epistaxis	48
Empyema	1
Eustachian tube, obstruction of	2
Eustachitis	1
Excoriation	15
Exostosis	10
Fainting (syncope)	15
Fatigue	76
Fever	1
Fissure	
Anus	5
Skin	5
Unclassified	<u>11</u>
	21
Fistula	1
Flat foot (pes planus)	31
Flatulence (intestinal gas)	5
Floating cartilage	2
Folliculitis	6
Frostbite	1
Furunculosis	512
Ganglion	6
Gas, cyanide	1
Gastritis	81
Gastroenteritis	42
Gingivitis	62
Glossitis	3
Glycosuria	4
Gonococcus infection	10
Granulated eye	3
Halitosis	1
Hay fever	14
Headache (cephalalgia)	80
Heat rash	15
Hematoma	9
Hematuria	3
Hemoptysis	1
Hemorrhage	15
Hemorrhoids	35
Hernia	
Femoral	1
Inguinal	3
Unclassified	<u>20</u>
	24
Herpes	
Liabilis	33
Simplex	29
Zoster	12
Unclassified	<u>19</u>
	93

Hiccough	3
Hodgin's disease	1
Hordoculum	128
Hyperacidity	4
Hyperhidrosis	12
Hypermetropia	2
Hypertension	9
Hyperopia	3
Hyperplasia	1
Hypertrophy (turbinates)	1
Hypothyroidism	5
Hysteria	2
Impacted molar	51
Impetigo	
Contagiosa	27
Unclassified	<u>136</u>
Indigestion	57
Inflammation	20
Influenza	29
Ingrown nail	44
Insomnia	27
Intestinal toxemia	5
Iritis	3
Irritation	
Skin	9
Unclassified	<u>12</u>
Keloid	1
Lagrippe	82
Laryngitis	75
Leucorrhea	1
Lipoma	3
Lumbago	25
Malaise	1
Malaria	1
Mastitis	3
Measles	1
Menorrhagia	28
Metatarsalgia	53
Migraine	6
Miliaria	2
Milium	5
Mumps	72
Myalgia	25
Myasthenia	2
Mycosis	890
Mydriasis	1
Myopia	11
Myositis	138
Nausca	7
Nasal obstruction	3

Nervousness		18
Neisscian infection		2
Nephritis		8
Neuralgia		
Face	5	
Intercostal	8	
Unclassified	<u>16</u>	29
Neurasthenia		7
Ncuritis		37
Neurosis		8
Nevus		23
Nocturia		1
Nocturnal emissions		1
Nostalgia		1
Obesity		4
Ophthalmatitis		1
Orchitis		6
Otalgia		17
Otitis		
Externa	27	
Media	<u>86</u>	113
Overweight		11
Painful		
Arch	34	
Knee	1	
Miscellaneous	<u>75</u>	110
Paralysis		
Infantile	1	
Unclassified	<u>2</u>	3
Paronychia		39
Pediculosis		
Pubis	35	
Unclassified	<u>8</u>	43
Pericarditis		1
Periostitis		12
Pharyngitis		
Acute	312	
Chronic	4	
Naso	140	
Unclassified	<u>923</u>	1379
Phimosis		7
Pityriasis		21
Pleurisy		35
Poisoning		
Ivy	5	
Ptomaine	10	
Unclassified	<u>3</u>	18
Poliomyelitis		2
Polypus, nasal		2
Polyuria		1
Poor Posturo		3

Prostatitis	5
Prurigo	1
Pruritis	9
Psoriasis	7
Psychosis	4
Pterygium	1
Ptosis	1
Pustule	13
Pyclitis	4
Pyorrhcea	9
Pyuria	3
Rales	7
Regurgitation, mitral	13
Retraction, ear drum	3
Rheumatism	9
Rhinitis	
Acute	56
Chronic	12
Unclassified	<u>276</u>
Rubella	344
Scabies	1
Scarlet fever	40
Schalazeon	2
Sciatica	1
Scoliosis	1
Seborrhea	3
Sesamoid bone	8
Sinusitis	1
Soreness, muscle	191
Spur	2
Stiff neck	6
Stomatitis	2
Aphthous	143
Unclassified	<u>7</u>
Synovitis	150
Swollen	8
Gland	1
Leg	2
Miscellaneous	<u>4</u>
Tachycardia	7
Tenosynovitis	27
Thyroid, enlarged	81
Thyroiditis	1
Tinea	
Circinata	24
Cruris	122
Unclassified	<u>54</u>
Tinnitus aurium	200
Tonsillitis	1
Acute	38
Chronic	5
Unclassified	<u>92</u>
	135

Toothache	9
Torn ligament	2
Torticollis	25
Trachcoitis	14
Tuberculosis	4
Tuberosity	1
Tumor	6
Ulcer	48
Underweight	19
Urethritis	
Chronic	1
Unclassified	<u>16</u>
Urticaria	17
Uvula congested	69
Vaccinia	1
Varicocele	47
Varicose veins	4
Verruca (wart)	9
Vertigo	680
Vesicle	14
Visceroptosis	10
Vitiligo	1
Vomiting	1
Weak ankle	2
Whitlow	4
Wound, gunshot	3
Worms	3

INJURIES, WOUNDS, SPRAINS

Abrasion	
Ankle	7
Arm	24
Back	2
Buttocks	4
Elbow	18
Eyelid	8
Face	12
Finger	85
Foot	37
Gum	3
Hand	54
Head	7
Heel	11
Knee	68
Leg	47
Nose	6
Penis	3
Shoulder	3
Skin	3

Abrasion (cont'd)		
Thigh	7	
Toe	19	
Miscellaneous	34	
Unclassified	<u>12</u>	474
Blister		
Heel	86	
Foot	56	
Toe	39	
Miscellaneous	21	
Unclassified	<u>15</u>	217
1		
Broken		32
Bruise		
Burn		
Acid	15	
Chemical	6	
Sunburn	8	
Miscellaneous	5	
Unclassified	<u>20</u>	54
Arm	18	
Back	5	
Eye	10	
Face	9	
Finger	36	
Foot	3	
Hand	52	
Head	1	
Leg	7	
Mouth	4	
Neck	1	
Shoulder	2	
Toe	1	
Wrist	8	
Miscellaneous	11	
Unclassified	<u>27</u>	195
249		
Contusion		
Arm	4	
Back	8	
Bone	14	
Chest	7	
Ear	2	
Eye	10	
Face	2	
Finger	54	
Foot	22	
Forehead	1	
Head	6	
Hand	16	
Heel	17	

Contusion (cont'd)		
Jaw	4	
Joint		
Ankle	5	
Elbow	13	
Hip	3	
Knee	32	
Wrist	<u>6</u>	59
Leg	24	
Lip	4	
Neck	3	
Nose	19	
Scalp	3	
Scrotum	2	
Shoulder	12	
Side	1	
Spine	2	
Testicle	1	
Thigh	2	
Toe	28	
Miscellaneous	20	
Unclassified	<u>7</u>	328
Dislocation		
Cartilage	6	
Elbow	1	
Finger	1	
Shoulder	1	
Unclassified	<u>2</u>	10
Foreign body		
Eye	139	
Finger	34	
Hand	4	
Throat	1	
Miscellaneous	16	
Unclassified	<u>6</u>	200
Fracture		
Bones		
Ankle	5	
Arm	5	
Fibula	2	
Foot	4	
Hand	2	
Hip	1	
Jaw	1	
Metacarpal	1	
Nasal septum	4	
Rib	4	
Toe	<u>5</u>	34
Joints		
Finger	10	
Wrist	<u>3</u>	13
Unclassified	<u>2</u>	49

Infactions		
Abrasions	5	
Ankle	1	
Arm	6	
Axillar	2	
Blister	13	
Chock	3	
Clavus	4	
Comedo	1	
Cyst	25	
Ear	8	
Elbow	7	
Eye	5	
Eyelid	2	
Face	9	
Finger	92	
Foot	37	
Gum	24	
Hand	21	
Head	1	
Heel	14	
Knee	4	
Leg	13	
Mouth	3	
Neck	5	
Nose	8	
Sinus	1	
Skin	1	
Throat	2	
Toe	91	
Tonsils	17	
Tooth	5	
Verruca	4	
Wound	4	
Wrist	5	
Miscellaneous	38	
Unclassified	16	496
Injured		
Ankle	6	
Arm	1	
Back	7	
Elbow	7	
Eye	2	
Finger	31	
Foot	15	
Hand	6	
Knee	20	
Leg	6	
Muscle	4	
Nose	4	

Injured (cont'd)		
Shoulder	4	
Skull	1	
Toe	13	
Vertebrae	3	
Wrist	6	
Miscellaneous	27	
Unclassified	4	
Lacerations	4	
Arm	1	
Ear	10	
Eye	2	
Elbow	4	
Face	104	
Finger	2	
Foot	36	
Hand	1	
Head	2	
Knee	5	
Leg	4	
Lips	2	
Mouth	1	
Nose	5	
Scalp	4	
Toe	1	
Wrist	34	
Wound	13	
Miscellaneous	8	243
Unclassified		3
Perforation, wound		20
Puncturo, wound		
Sprain		
Ankle	281	
Arm	5	
Back	18	
Elbow	8	
Finger	45	
Foot	22	
Hand	4	
Hip	2	
Intercostals	3	
Jaw	2	
Knee	51	
Leg	1	
Neck	3	
Sacroiliac	13	
Shoulder	15	
Thumb	25	
Toe	6	
Wrist	60	
Miscellaneous	3	
Unclassified	3	570

Strain	
Abdomen	1
Ankle	35
Arm	7
Back	27
Eye	131
Foot	27
Knee	28
Leg	4
Muscle	53
Neck	6
Sacroiliac	24
Shoulder	10
Thigh	1
Thumb	2
Wrist	14
Miscellaneous	6
Unclassified	<u>3</u>
	<u>379</u>

Grand Total - - - - - 3468

RECAPITULATION

Pharyngitis	1379
Coryza	1225
Mycosis	390
Verruca	680
Furunculosis	512
Albuminuria	431
Bronchitis	387
Rhinitis	344
Ceruminosis	328
Dermatitis	243
Conjunctivitis	201
Acne	200
Tinea	200
Sinusitis	191
Impetigo	163
Cyst	158
Stomatitis	150
Myositis	138
Tonsillitis	135
Hordeolum	128
Otitis	113
Painful arch, knee, etc.	110
Herpes	93
Clavus	92
Constipation	91
Appendicitis	89

Lagrippe	82
Gastritis	81
Tenosynovitis	81
Headache	80
Adenitis	78
Fatigue	76
Laryngitis	75
Mumps	72
Callosity	69
Colitis	69
Urticaria	69
Gingivitis	62
Indigestion	57
Metatarsalgia	53
Bursitis	51
Cellulitis	51
Impacted molar	51
Dysmenorrhea	50
Epistaxis	48
Ulcer	48
Enteritis	47
Vaccinia	47
Caries, dental	46
Ingrown nail	44
Pediculosis	43
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NINE CASES: Amenorrhea, Dysentery, Hematoma, Hypertension, Pruritis, Pyorrhea, Rheumatism, Toothache, Varicose Veins

EIGHT CASES: Nephritis, Neurosis, Seborrhea, Synovitis

SEVEN CASES: Deafness, Nausea, Neurasthenia, Phimosis, Psoriasis, Rales

SIX CASES: Catarrh, Dandruff, Folliculitis, Ganglion, Migraine, Orchitis, Spur, Tumor

FIVE CASES: Carbuncle, Ecchymosis, Flatulence, Hyperthyroidism, Intestinal toxemia, Milium, Prostatis

FOUR CASES: Glycosuria, Hyperacidity, Obesity, Psychosis,
Pyelitis, Tuberculosis, Varicocele, Weak Ankle

THREE CASES: Adhesions, Balanitis, Cauliflower ear, Comedo,
Glossitis, Granulated eye, Hematuria, Hiccough,
Hyperopia, Iritis, Lipoma, Mastitis, Nasal ob-
struction, Paralysis, Poor posture, Pyuria,
Retraction--ear drum, Scoliosis, Whitlow, Wound--
gunshot, Worms

TWO CASES: Anemia, Anorexia, Cramp, Diabetes, Epididymitis,
Eustachian tube--obstruction of, Floating cartilago,
Hypermetropia, Hysteria, Miliaria, Myasthenia,
Neisserian infection, Poliomyelitis, Polypus--
nasal, Scarlet fever, Soreness--muscle, Stiff
neck, Torn ligament, Vomiting

ONE CASE: Achlorhydria, Adenoma, Alopecia, Ankylosis, Bright's
disease, Chalazion, Concussion, Curvature of spine
(kyphosis), Condyloma, Dry skin, Dysuria, Epilepsy,
Empyema, Eustachitis, Fever, Fistula, Frost bite,
Gas--cyanide, Halitosis, Hemoptysis, Hodgin's disease,
Hyperplasia, Hypertrophy (turbinates), Keloid, Leu-
corrhea, Malaise, Malaria, Measles, Mydriasis, Noc-
turia, Nocturnal emissions, Nostalgia, Ophthalmritis,
Polyuria, Pterygium, Ptosis, Prurigo, Pericarditis,
Rubella, Schalazion, Sciatica, Sesamoid bone, Swollen
gland, Thyroid--enlarged, Thyroiditis, Tinnitus aurium,
Tuberosity, Uvula congested, Visceroptosis, Vitiligo

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